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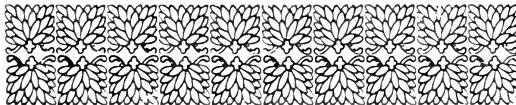
Disco

TRADE MARK REG. U.S. PAT. OFF.

GUARANTEED SEEDS

Early Corn
Hardy Alfalfa
Improved
Field & Garden
Seeds

1921
Fourteenth Annual



DANFORTH IMPROVED SEED CO.
MITCHELL, SOUTH DAKOTA



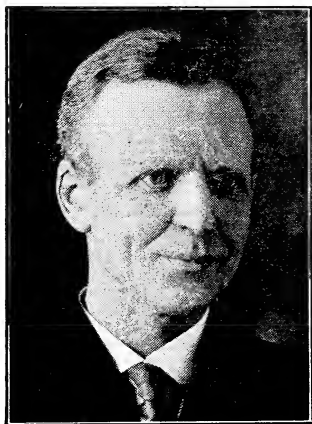
Dakota Improved



Seed Company



Our Officers and Their Aims



R. Burn, F. R. H. S.
Vice-Pres.



W. S. Hill,
President and Treasurer.
Pres. South Dakota State
Board of Agriculture.
Pres. Security Nat'l Bank
of Alexandria.
Proprietor of Riverview
Ranch, Hanson Co., S. D.
and of Riverview Herd of
Red Polled cattle.



T. W. Colley, Secretary.



We take pleasure in presenting our fourteenth annual Seed Book. This Company was organized in 1907 for the purpose of growing and distributing field and garden seeds of the highest quality. The policy of sending out only the best has been strictly lived up to, until **DISCO GUARANTEED SEEDS** are recognized and accepted as the highest quality obtainable.

We have been fortunate this season in having associated with us two experienced seedsmen, in the persons of Mr. Richard Burn and Mr. T. W. Colley, who have each acquired a substantial interest in the Company.

Mr. Richard Burn has had over 28 years of practical experience in the Seed Business in Scotland, Ireland and Canada. Mr. Colley is also an experienced seedsman and business man. Both men are imbued with the same high ideals that have been dominant in the organization and conduct of this Company and were attracted to the Company on that account.

The association of these men with the Company has enabled us to re-enter the Garden Seed Business which we had not been able to conduct to our satisfaction the past few years. Special attention is called to the Garden and Flower Seeds described in this book, pages 16 to 40. We are in better position to care for your seed business than ever before and respectfully solicit the business of our old customers and will welcome and try to merit the trade of new customers as well.

W. S. Hill, President.

The **Disco** Guarantee.

The **DAKOTA IMPROVED SEED COMPANY** guarantees the seed it sells to be as represented as to quality and germination. All our seeds are tested and nothing that does not reach a high standard is distributed. In spite of this, we stand ready to replace or refund the money paid for any seeds sent out by us, which upon arrival are not entirely satisfactory. We do not insure a crop from seeds purchased either as to description, productiveness or any other matter, because of the many factors which influence a crop and which are entirely beyond our control. All sales are therefore based on the understanding that the liability of the company shall in no case exceed the price paid for the seed.

Postpaid.

Postage paid on all Vegetable and Flower Seeds unless otherwise stated. Orders for Alfalfa, Corn, Grasses and everything else listed in our book if required by parcel post must have postage added.

Order Sheet

Date.....192.....

Dakota Improved Seed Co., Mitchell, South Dakota.

Gentlemen: Please send the following seeds subject to the guarantee and conditions of sale given in the **DISCO Seed Book**.

Name

Mr., Mrs. or Miss. Please write plainly

P. O.

County

State

R. D., P. O. Box or Street No.

By

State here if wanted by freight, express or parcel-post

Nearest Railway Station

State here name of town to which goods are to be sent if different from P. O.

Is there a freight agent at your railroad station?

If there is no freight agent at your shipping point, money must be sent with order to prepay the freight charges

Amount Enclosed

Currency

**Draft or
Cheque**

Money Order

Total

Reserved space for office use

Date Received

Amount Received

MAIL

**No. of
Packets****No. of
Packages**

Date Sent

**Put up
by**

**Checked
by**

FREIGHT or EXPRESS

[illegible]

Carry forward to back

An Interesting Competition

For Boys and Girls

Try What You Can Make **ONE DOLLAR** Do

We will give a prize of **FIVE DOLLARS** to the boy or girl who shows the best returns from his or her garden, sown entirely and only with one of our **DISCO Dollar Collections of Vegetable Seeds**. No rules or regulations will be laid down, so that the young gardener competitors may have unrestricted freedom to use their ingenuity and resource.

Entries, accompanied by a coupon which will be enclosed with each and every collection, should be sent in to us not later than **October 31st, 1921**. All entries will be handed over to a committee composed of three well known gentlemen, men of wide experience, whose judgment can be relied upon; these gentlemen will have absolute control and will adjudicate, fairly, wisely and impartially. Their decision will be final.

NO. 5. DISCO DOLLAR COLLECTION OF SEEDS, to be used by the boys and girls in above competition.

Orders for these Special Collections

Beans, Golden Wax.
Beans, Stringless
Greenpod.
Beet, Crosby's
Egyptian.
Cabbage, Early Jersey Wakefield.
Carrot, Chantenay.
Cauliflower, Snowball.
Citron, Red Seeded.
Corn, Early Crosby.
Corn, Golden Bantam.
Lettuce, Grand Rapids.

The investment is small, and in view of the quality of the seeds, (**THE VERY BEST**), none better to be had, no matter what price you pay, with care and diligent attention to your garden, you are likely to get a reward both in pleasure and profit, far outreaching any prize which we might offer.

We want you to enter this competition; it will add zest to your labors; you owe it to yourself; to your friends; to your district; to your country to do so. See how you measure up with your school fellows throughout this great Republic. Even if you do not gain the prize, you will gain a lot of pleasure and experience.

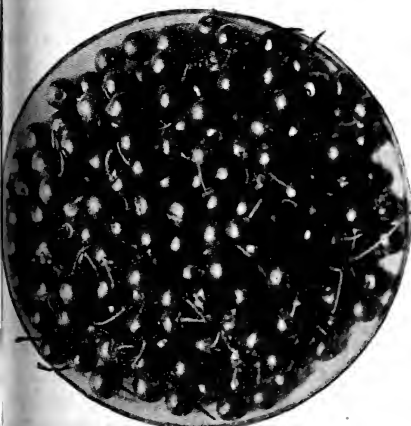
should be placed early. **\$1.00** postpaid. The best value to be had.

Special prices to Schools ordering in lots of 20 and upwards.

Onion, Yellow Globe Danvers.
Onion, Large Red Wethersfield.
Parsley, Champ Moss Curled.
Parsnip, Hollow Crown.
Peas, American Wonder.
Radish, DISCO Mixture.
Solanberry.
Swede, DISCO Garden.
Sweet Peas, Choice Mixed.
Poppy, California.

WATCHING THINGS GROW. That's our hobby and we should like to make it yours, too. Each one of us has a hobby and each one likes to see things grow. Why not combine these two and watch things grow

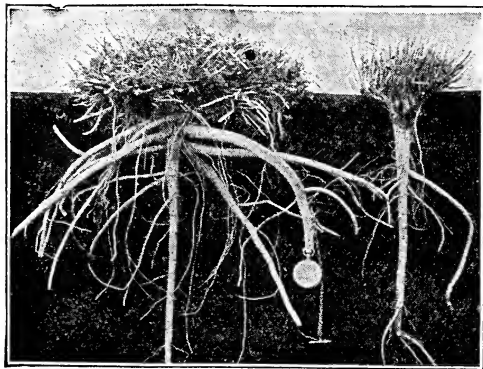
in your own garden? Nothing does one so much good or gives one so much pleasure as to see fresh vegetables or beautiful flowers growing in the garden.



Solanberry.

530. Solanberry Pkt. 10c. This, as its name signifies, belongs to the Solanum family, and is closely allied to the Tomato, being sometimes described as the Black Currant Tomato. We recommend it very highly, have been watching it for several years, and believe it to be one of the best acquisitions of its kind for the Northwest. It is perfectly hardy, will stand frost that puts Beans, Corn, Tomatoes, etc., entirely out of business. Ripe fruits can be gathered from August 15th till late in October. Easily grown, the main thing is to give them plenty of room, one plant will occupy a space of 3 to 4 feet square. Can either be sown in pots or boxes like Tomatoes and then transplanted to the open or sown in the open ground whenever it is fit, and thinned out. Useful for pies, pickles, sauces, etc., either alone, or mixed with other fruits.

We specialize in hardy, early varieties.



Representative plants of the Hardy and Non-hardy type of crowns of four-year-old alfalfa taken from the same nursery, grown as single plants under the same conditions. The plant on the right, the common or Southern type; the plant on the left, a fair sample of Baltic alfalfa, a variety found growing near the little town of Baltic, South Dakota. (Bul. 181, Col. Ag. Exp. Sta.)

Alfalfa

Our Leading Specialty

Since the inception of our business, hardy Dakota grown strains of Alfalfa have been our leading specialty. Our record in introducing and maintaining strains of hardy Alfalfas is unique in the history of the seed trade and is recognized all over the United States, and also across the international boundary line into Canada.

We were the first to put into operation in a commercial way an intelligent system of selection and registration of hardy strains of Alfalfa, bearing distinct characteristics.

Aside from this selection in the field, we have perfected our Cleaning Plant to a high degree of perfection and are constantly improving, so that we are able to send out seeds from which all weak and immature kernels and impurities have been eliminated and only strong growing, well developed seeds are distributed. What this means can easily be appreciated by every up-to-date, thoughtful and progressive farmer. At this date in the history of Alfalfa growing, it almost seems superfluous to lay any emphasis upon its great value, as this is so universally known as to make it unnecessary to more than casually refer to this feature.

There are, undoubtedly, many who would like to grow Alfalfa who recognize its merit, who are cognizant of the fact that it would add greatly to their feeding requirements and improve the value of the farm immensely, but who have become discouraged by successive failures. To all such, we unhesitatingly say, carefully read the description of the various types offered in this list and select the one which you think most suited to your requirements. If you are in doubt in regard to this, do not hesitate to ask us. Our advice is freely at your disposal. If you do this, we feel confident that your effort will be rewarded with success and you will become one more addition to the large number of satisfied DISCO customers.

Disco Registered Alfalfa

The "DISCO Registration System" enables us to trace each individual strain of Al-

falfa to a definite single origin, and if in your initial experimenting you try several different types and find that one particular type seems to suit your requirements infinitely better than others, you have only to advise us of the particular type this was and we can supply you with seed saved from exactly the same plants. We believe that this system, which we have adopted, places us in a unique position to satisfy.

The following registered seeds are offered for this season, with brief descriptions of each stock. The supply of good seeds this year is somewhat limited and we earnestly urge early ordering.

ALFALFA—THE KING OF FODDER PLANTS.

870 DISCO No. 26—Believed to be of Turkestan origin; has been grown in the northern half of Meade and southern half of Perkins Counties, South Dakota, for the past sixteen years. This has proved to be a very popular strain.

871 DISCO No. 28—This, in our opinion, heads the list of registered stocks; has been grown in southern Meade and Pennington Counties, South Dakota for over thirty years, under the most adverse conditions and has persisted year after year and withstood the severe cold and drought. We find that those who have once used **DISCO 28**, seem to get the habit of "wanting no other," and, as the stock is somewhat limited, to avoid disappointment, we strongly urge the desirability of ordering early.

872 DISCO No. 38—This strain runs **DISCO 28** very closely in popularity. It has been grown in western Meade and southern Butte Counties for over twenty-five years. Large quantities of this seed are distributed by us every year in Oregon and other western states, where it gives extraordinary good satisfaction in the drier areas without irrigation. The seed stock is an excellent quality.

873 DISCO No. 79—A native of the Black Hills region, having a continuous record of over twenty years; very popular; produces a heavy crop of hay and is also a great producer of seed.

874 DISCO No. 80—Grown in Jones and Lyman Counties, South Dakota. In this type the drought and cold resistant characteristics have been developed to a marked degree. We can recommend this strain with perfect confidence.

In the event of being sold out of any variety ordered, we will substitute the nearest we have.

For prices see special price sheet following page 16.

Alfalfa

The Great Mortgage Lifter

Disco Grimm 875 We need not elaborate upon the history of Grimm Alfalfa, it has been so often referred to that it is known almost everywhere where Alfalfa is spoken of. Suffice it to say that our stock has been grown under the most exacting conditions, so that its hardiness and its well known resistance to winter-killing have not only been maintained, but by constant selection has been very much improved.

We feel it desirable to caution our customers against investing in southern grown Grimm. While the seed originally may have been the Grimm type, continued growing under southern conditions by a process of natural law loses its inherent hardiness and becomes absolutely useless so far as planting under northern conditions is concerned. In direct contrast to this, seed produced under the trying conditions experienced in Dakota is found to give most perfect satisfaction, whether sown, north, south, east or west and we can say without fear of contradiction, that our Grimm Alfalfa will grow and succeed anywhere.

876 DISCO No. 19-A—This selection from the Grimm type excels its parent plant in a remarkable manner. This type was selected from a large number of trials in our Alfalfa Nursery. The plants showed characteristics which distinguished them from all others. These plants were isolated and the seed carefully saved. It has been grown year after year producing an abundant seed crop, enabling us to distribute the produce over a very extended territory and we have very gratifying reports as to the success and satisfaction this particular strain has achieved.

Disco-Baltic 877 This variety of the Grimm type of Alfalfa was selected many years ago by Mr. Wheeler, and being found growing near a village named Baltic, he felt that it was fitting that the variety be given this name. In describing this new type, the writer of Bulletin No. 757, U. S. Department of Agriculture, says: "While the Baltic differs slightly from the Grimm, in some minor details, the two are so similar that it is seldom possible to distinguish one from the other. This variety is recommended for

sections where the ordinary strains suffer considerable loss through winter-killing."

We, as already stated, are the promoters and breeders of Baltic Alfalfa, and it goes without saying, therefore, that to be absolutely sure of getting the right type, it is desirable that you place your order with us. If you do, you are certainly circumventing any possibility of disappointment and are in the most practical way insuring success.

878 DISCO No. 11-C—Baltic Type. This selection has been proven by experience to be the hardiest of the hardy. Excellent yields and perfect stands have been obtained when no other variety could previously be grown for any length of time. Its drought resistance is phenomenal; it recovers remarkably quick after cutting; yields an abundance of leafy hay and is also a good seed cropper, large quantities per acre being frequent.

We recommend this type with the utmost confidence, and believe that it will more than satisfy your expectations, and if properly seeded, you will be rewarded by a field that will be the talk of the country and will produce an abundant supply of hay, while the plant will become established and winter-killing will be unknown.

Selected Alfalfas D a k o t a
g r o w n A l
falfa has become well established and is recognized as being of a very high standard and well adapted for seeding under the most trying conditions; in fact Dakota grown alfalfa will grow anywhere where alfalfa can be grown.

Our splendid location, right in the heart of the very best growing district and our constant close touch with growing crops, places us in a unique position to select the very finest stocks that the country produces. These stocks are brought direct from the farms where they have been grown, to our own up-to-date Cleaning Plant, and from there distributed by us all over the continent. This enables us not only to give the very finest possible strains, but we are also in a position to supply choice seed at a remarkably low price.

879 DISCO Brand.

880 Emerald Brand.

**Get a Copy Our Booklet "Alfalfa in the Northwest" 25 cents
Free on Request with Orders of \$5.00 and Upwards**

For prices see special price sheet following page 16.

Disco Clovers—

A Cheap
Fertilizer

Clover very nicely into a crop rotation and also insures its easy elimination if it is desired to discontinue growing. The stock of seed we offer is of excellent quality carefully re-cleaned over our own high-grade machinery, scarified by our own scarifying machine, of high vitality and we believe we are offering the best value on the market.

885 DISCO Brand Hulled.

886 Emerald Brand Hulled.

Yellow Blossom—(Melilotus officinalis). Belongs to the same type as the White Blossom, excepting that the flowers are Yellow.

It is claimed that it yields earlier and produces a finer quality of hay. It will not produce as heavy a tonnage as the White, as it is shorter in growth, but for early use, it is superior to the White type.

888 DISCO Brand.

Medium Red Clover—Regarded as the most valuable of the Clover family; is a dependable all-round variety. Not only does it produce a heavy weight per acre, but richness of the roots in nitrogen gathering bacteria means added fertility to the soil.

889 DISCO Brand. 890 Emerald Brand.

Mammoth Red Clover—Coarser and stronger growing than Medium Red. Well adapted for hay, if cut early, but is mostly used as a pasture and for fertilizing.

891 DISCO Brand. 892 Emerald Brand.

Alsike or Swedish Clover—Produces the finest quality of clover hay; unusually hardy, and well adapted for pasture. Thrives best on low and moist lands and is particularly well adapted for mixing with Timothy, as it will grow under similar conditions and can be cured well if grown in this manner.

893 DISCO Brand. 894 Emerald Brand.

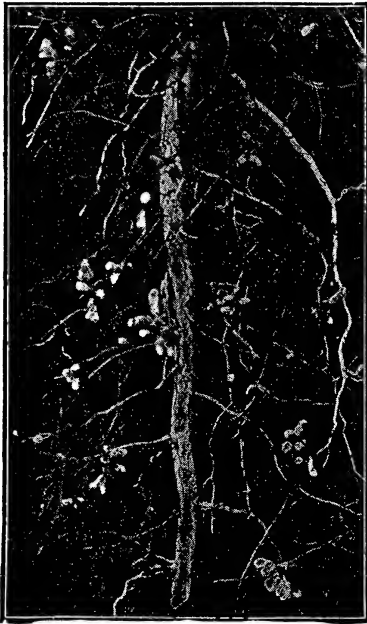
White or Dutch Clover—A dwarf, close growing variety, much in demand for lawns, and is also excellent for sheep pasture. Will do well under varying conditions.

895 DISCO Brand.

Inoculation 899 Inoculating Culture.

The simplest way to inoculate Alfalfa is to inoculate the seed, provided that a reliable and properly prepared culture is used. There is no doubt whatever that when sowing Alfalfa, particularly on new land, that not only is a better stand obtained, but plants of a hardier type are produced by inoculating, and in view of the very nominal cost to inoculate, when a proper culture is used, it seems almost foolish to take any chances.

We can supply an excellent pure culture, which is put up ready for use by a prominent bacteriologist, and simple yet specific instructions are supplied, enabling the merest novice to successfully prepare the seed in a perfect and simple manner.



**Nodules on Clover Roots.
CLOVERS.**

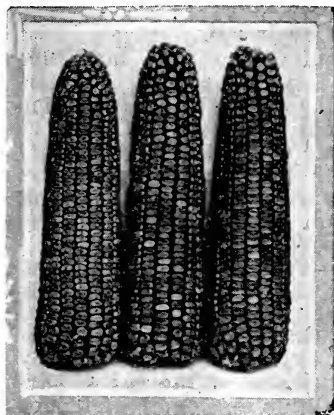
Our strains of the various Clovers are selected from districts which years of experience have taught produce not only the best of seed, but produce the best type of plant. We unhesitatingly recommend our DISCO Brands as being the very best on the market.

SWEET CLOVER.

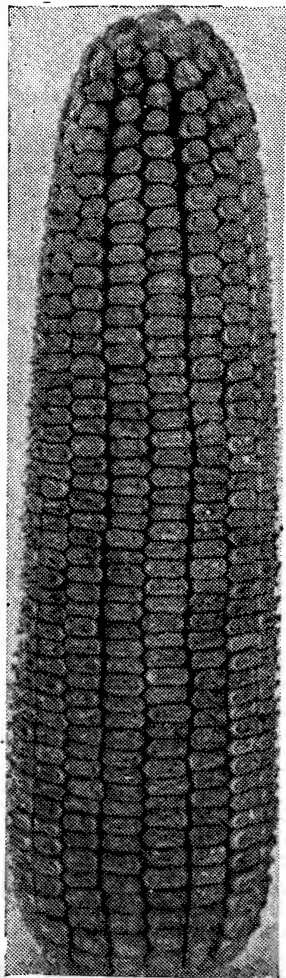
White Blossom — (Melilotus alba). Until a few years ago this clover was not looked upon with any great degree of favor. In fact, time was when it was classified as a troublesome weed.

Here and there, there were those who had tested its value and persistently advocated its usefulness. Today the value of the plant is freely acknowledged by all progressive farmers. We cannot too highly emphasize its importance both for pasture and for hay, while as a soil builder and renovator it has no equal. Tried out on our own farm our experience was it was one of the best paying crops we have. We feel that it is desirable to lay emphasis on the fact that as a preparation for Alfalfa it is second to none. That is to say, where Alfalfa has been found difficult to grow the experience has been that by growing Sweet Clover for, say a couple of years, the land becomes inoculated with nitrogen-gathering bacteria and it is usually then found that Alfalfa can be grown without difficulty. **White Blossom Sweet Clover** is a biennial, lasts but two years unless the seed crop at the end of the second year is allowed to form and scatter. This adapts Sweet

For prices see special price sheet following page 16.



Riverview Special.



Minnesota 13.

Dakota Grown Seed Corn

Hardy Early Well Matured.

Located as we are in the best Seed Corn growing district in South Dakota with our own spacious and up-to-date drying racks and bins and latest type of shelling machinery. Giving personal attention to our growing stocks we are ideally situated to give Seed Corn service. Our stocks being grown under rigorous climatic conditions, yet rarely being affected by frost, enables us to offer varieties of Seed Corn well adapted to the Northwest and Canada. Like all our seeds, Corn is sold on our absolute money back guarantee.

Get a copy of our Booklet "Corn Culture in the Northwest." 10c. Free with orders on request.

970 Riverview Special—Yellow Dent. The very best 90-day yellow dent at present on the market. Year by year it enhances its popularity and the number of users is extended so that it is grown with marked success and satisfaction all over the Northwest. It was developed by us more particularly because of its hardy nature,

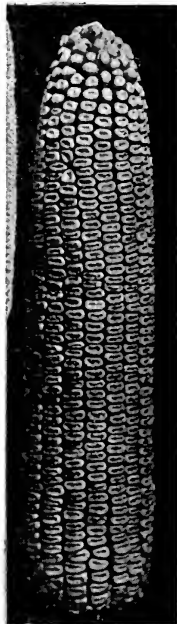
while at the same time it gives a good ear with a very high-shelling percentage. The ears will average eight and one-half inches in length, with a girth of seven inches, with from sixteen to eighteen rows well carried out at butt and tip. The color is a rich yellow and the grain is unusually deep, of smooth, handsome appearance. The ears are well formed, uniform size and of moderately strong shank. It has a very leafy growth and attains a height of from seven and one-half to eight feet, and usually yields from forty to sixty bushels per acre. Riverview Special is also well adapted for drilling in for use for ensilage or fodder. We strongly recommend this.

971 Minnesota 13—Yellow Dent. This variety as the name indicates is a product of the Minnesota Experiment Station, and is now favorably known all over the Northwest and also in Western Canada, where it suits the short seasons admirably. We aim to retain the earliness of the original type by regularly obtaining our seed for our own planting directly from the Minnesota Experiment Station. This enables us to offer high class seed. Our stock of Minnesota 13 is unusually good this season, and we recommend it with confidence.

972 DISCO Early Murdock—Yellow Dent. Very similar in many respects to our Riverview Special excepting that it is a few days later. The kernel is deep. It is one of the earliest of the deep kerneled types, is well fixed and is rapidly leaping into popular favor. Will grow to a height of from six to eight feet, has a stiff stalk which stands up well. Ears are borne well up on the stalk so that they are easily husked. Our stock this year is fine and we recommend it very highly.

973 DISCO Pride—Yellow Dent. A very early variety of corn. Especially well adapted to the northern part of South Dakota, North Dakota and Montana. The strong features of DISCO Pride are earliness, deep kernel, small cob and its ability to resist dry weather.

Our stock of seed was grown in Hanson County, South Dakota and is very good quality.

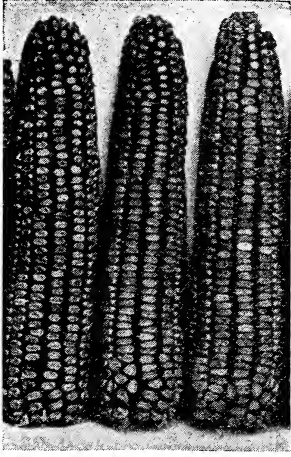


Early Murdock

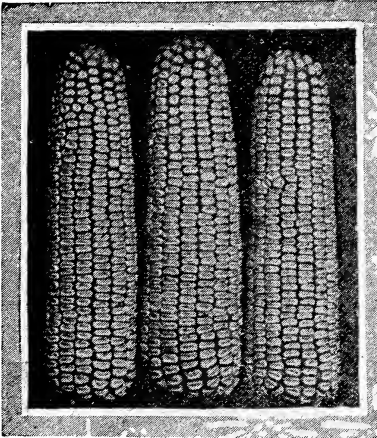
For prices see special price sheet following page 16.

Seed Corn

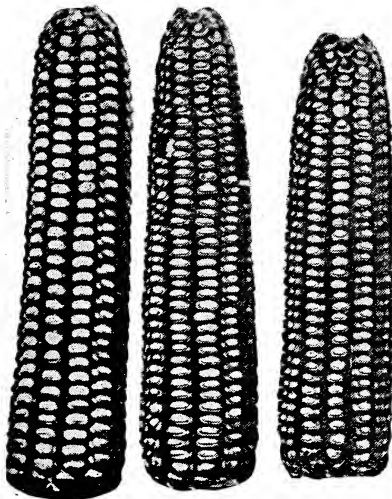
Dent Varieties Continued



DISCO Pride of the North.



DISCO 90-day White.



Northwestern Dent.

974 Pride of the North—Yellow Dent. We introduce this variety for the first time this season with considerable pleasure, believing it will be a decided acquisition to the yellow dent varieties suited for use in the Northern States where earliness is a prime essential. This variety produces an eight inch ear, with an unusually deep kernel and we believe it is the largest variety considering its earliness, on the market. Our stock is limited; therefore early ordering is advisable.

975 Wimples Yellow Dent. This variety is very popular in many districts where it seems to excel all others and we recommend it for trial where other varieties already tried have not been entirely satisfactory. It belongs to the early type of yellow dent, especially adapted for the Northwest. The size of the ear is surprising, averaging from nine to nine and one-half inches in length, and from six to six and one-half inches in girth, containing from sixteen to eighteen rows. One of the best short season varieties on the market.

Dr. Edw. C. Haagensen,
Physician & Surgeon,
Hillsboro, N. D.

Dakota Improved Seed Co.,
Mitchell, South Dakota.

Gentlemen:—The corn and other seeds I got from you this spring were very satisfactory.

Yours respectfully, (Signed) E. C. Haagensen.

980 DISCO 90-Day White—White Dent. This is a white dent variety which is rapidly becoming the most popular white variety on the market. It is unusually early ripening, and a heavy yielder. Is admirably adapted to northern sections of the country. The stalks grow to an average height of about eight feet and ears shoot out about three and one-half feet from the ground. We believe this to be the very best white dent on the market and aside from its value for production of corn it is especially valuable for silage purposes on account of the leafy nature of the stalk.

Dell Rapids, S. Dak.

Dakota Seed Co.,
Mitchell, S. Dak.

Dear Sirs:—As I took the seed corn out of the tester today I found that I had a very good test. It was 96. More than I expected. I am more than satisfied.

Yours truly, (Signed) Leo J. Hansen.

985 Northwestern Dent—Red Dent. This variety has now been on the market for 24 years and is still gaining in popularity. For the Northwestern States and Canada, we believe it is unequalled. It is really a hybrid type, being a cross between an early yellow dent and a flint variety. Many instances are on record where this corn has matured in eighty days but even where it is grown for the silo, it will mature corn sufficient to greatly increase its value for silage purpose. It usually grows to a height of from six to seven feet. The ears are well formed, averaging eight inches in length with fourteen rows of kernels. It is particularly well adapted for hogging-off and if Rape is sown between rows at the last cultivation it gives splendid returns for hog feeding. Our stock has been grown just as far North as corn can be satisfactorily ripened and no better stock for the Northwest can be had.

For prices see special price sheet following page 16.

**Flint Corn**

The Flint type of corn is very popular in the Northern States and Canada, or in fact anywhere where earliness is demanded or where the crop is to be used for ensilage or fodder. The varieties we offer are early, hardy types.

990 DISCO White Flint. Or flour corn as it is sometimes called, is growing very rapidly in popularity.

Pearly white in color, the ears have from eight to ten rows and are eight to twelve inches long. The stalk grows from four to six feet high. The ears are borne from eight to twenty inches from the ground. A very useful variety for hogging.

991 Gehu Flint. The earliest variety of Flint Corn on the market. The ears are small and are borne low down on the stalk. The color of the kernel is a light yellow. Gehu will mature anywhere where corn of any kind can be ripened.

992 DISCO Squaw Corn. An unusually early native variety, the color being all colors of the rainbow. Very popular for late planting. Ears are much larger than Gehu and it is a corn of good quality and yields well.

993 King Philip Flint. An extra early red flint. We have had a stock of this excellent variety grown in South Dakota and the result is an unusually early and hardy type. We recommend this selection very highly, believing it will prove to be one of the best and also produces an unusually large ear. Stock limited.



**DISCO
White Flint.**

**Fodder
Corn**

With the high cost of all kinds of feed, stock feeders have been forced to so arrange their plans so as to produce as much as possible of the food required, right on the farm. For this reason it is very desirable to produce a fodder corn and we have paid considerable attention to this feature and offer the following varieties which in our experience are best adapted for the Northwest.

994 DISCO Early Yellow Dent Fodder Corn. When sown thickly in drills at the rate of from one to one and one-half bushels per acre, this variety will give a surprisingly large amount of palatable feed, much relished by all stock. May be cut and run through an ensilage cutter or be fed in the rack.

995 DISCO Medium Fodder Corn—A medium early maturing type of corn, producing an abundance of leafy herbage, the stalk being from seven to eight feet in height. Will usually also form a good ear which increases its feeding value considerably.

996 Evergreen Sweet Fodder Corn. All varieties of Sweet Corn possess much more sugar than field corn. This feature is an important one to all stockmen as the fattening properties are immense. This variety grows a leafy stalk, six to seven feet in height, forms good-sized ears and yields a large amount of succulent fodder to the acre.



DISCO Medium Fodder.

For prices see special price sheet following page 16.



Hog, Siberian and Golden.

Disco Millets today are occupying a much more important place in farm economy than ever. They constitute one of the best "catch crops" we have. Can be sown under conditions where corn or almost any other plant could not be used to advantage. Can be sown later than almost anything else and will give very fair returns under the most adverse conditions. We strongly recommend every farmer to include a quantity of millet with his order, so as to have some of the seed on hand in case an opportunity offers where it can be used profitably. If this is done there is no doubt whatever that it will be used and will well repay the investment. For this purpose we recommend the Common or Northern Millet. It is one of the cheapest seedings you can use and compared with the returns, yields enormous dividends. Aside from its value either as a hay crop or for producing useful feed grain, it is one of best cleaning crops grown.

900 Common or Northern White Millet—Grows an exceptionally sweet and palatable hay. Will thrive on almost any soil; attains a height of from four to five feet and is unusually drought resistant, producing a fair crop on even poor soils. While some of the other millets will produce larger yields, Common Millet can usually be depended upon to produce more forage of finer quality per acre particularly in the Northwest.

901 Dakota Kursk Millet—This variety is a native of Russia and has been grown here for over twenty years. Experiments conducted at the Experimental Stations in South Dakota have demonstrated beyond dispute the value of this variety. As a hay and seed producer it is without equal and in dry seasons it seems it will outyield most any other variety. We confidently recommend our

Dakota Kursk, believing that it will be entirely satisfactory.

902 Siberian Millet—A very fine variety of millet, also hailing from Russia. Unusually early, extremely hardy and withstands drought. The plant shows a remarkable stooling habit, as many as thirty to forty stalks being frequently grown from one seed.

903 Golden Millet—(True Southern Grown Seed.) Under favorable conditions the Golden Millet will undoubtedly produce the heaviest yield of hay per acre. Experience has taught that Southern grown seed yields the heaviest and while the seed costs a little more it more than repays itself in the tremendous difference in the quantity of useful hay which will be harvested. It grows very densely and is an excellent cleaning crop. No weeds can live where our Southern grown Golden Millet is seeded thickly.

904 Hog or Broom Corn Millet—Can be used for hay or as a cleaning crop just the same as other millets. It, however, yields an unusually heavy crop of seed—from sixty to seventy bushels to the acre, and experiments at our Experimental Stations have shown that it is an excellent substitute for Wheat. It is one of the best millets that can be grown for poultry feed and if ground and mixed with other grains is of inestimable value for hog feed. The seed will mature and be ready for cutting as a rule two months after date of seeding.

905 Early Fortune Millet—Of the same type as Hog or Broom Corn, with the exception that the color of the seed is red, whereas the Hog is white. It is a good yielder, the seed being very valuable for either poultry or hog feed and it also yields a heavy weight of fodder. Can be fed to horses and other stock without injury even if not cut until after the seed is formed. Absolutely rust-proof and immune from diseases of all kinds.

906 Japanese Millet—This is entirely distinct from other varieties of millet, both in habit of growth and character of seed. On account of its great value, it has sometimes been called "Billion Dollar Grass." Will grow from six to nine feet high, stands up remarkably well and yields enormous crops. The hay is easily cured and is excellent in quality and relished by all kinds of stock. Better results are obtained from the Japanese Millet if sown in drills 12 to 18 inches apart, sowing at the rate of ten to twelve pounds to the acre. It is a good plan to cultivate until the plant is 18 inches high and after that so dense will be the growth that no weeds will be able to live.

For prices see special price sheet following page 16.



Disco Selected Grass Seeds

Timothy 850 (*Phleum pratense*)—One of the most useful and valuable grasses; of wonderful nutritious value and unusually productive; the seeds being very small and produced in great abundance, makes it the most economical of grasses; extremely hardy; seldom winter-kills and stands heat and cold equally well.

851 Awnless Brome Grass (*Bromus inermis*)—A native of Russia, well adapted to a cold climate. One of the deepest rooting grasses in cultivation. Suited to dry soils. Makes the best of pasture, being green the first thing in the spring and late in the fall.

Brome Grass thickens up rapidly, making a dense growth of leaves which start close to the ground. Produces an abundance of hay relished by all kinds of livestock.

Is extremely hardy and very seldom winter kills; can stand an abundance of water; well adapted to a large variety of soils. Especially recommended for the Dakotas and Minnesota. Sow from 20 to 25 pounds per acre.

852 Western Rye Grass (*Agropyrum tenerum*)—Sometimes known as Slender Wheat Grass. Adapts itself to varied conditions and will thrive almost anywhere; grows successfully even in alkali soil; yields an abundance of nutritious hay. Sown on land that has become worn out and depleted of fibre, after two or three years, whether sown for hay or pasture, when broken up will be almost like new land. Sow 15 pounds to the acre.

854 Meadow Fescue or English Blue Grass (*Festuca pratensis*)—A very useful grass for permanent pasture; makes excellent hay, the herbage being succulent and tender. The roots penetrate deeply and the plant will stand drought to a remarkable degree. Sow 15 pounds to the acre.

855 Red Top, Solid Seed (*Agrostis vulgaris*)—Also known as Herd's Grass, grows most luxuriantly on moist, rich soils; very robust; produces strong, thick roots and makes a firm sod very desirable for pasture purposes. Will succeed well on alkali land where other grasses fail. Sow 10 to 12 pounds of solid seed per acre.

Timothy will do well in almost any kind of soil, but thrives best in clay loam, where an abundance of moisture is available. Best adapted for temporary, rather than permanent pasture, although it is very useful in permanent pasture mixtures combined with other grasses. Sow 10 to 12 pounds to the acre.

856 Kentucky Blue Grass (*Poa pratensis*)—Also known as "June Grass." Produces an excellent pasture of a beautiful verdant green and is particularly adapted for seeding on a pasture field surrounding the home where a good sod of pleasing appearance is desirable. Sow from 30 to 40 pounds per acre.

857 Canadian Blue Grass (*Poa compressa*)—Very similar to the Kentucky; grows coarser, and the stems, as its botanical name indicates, are flattened. It will grow on poor soils where Kentucky would not thrive. Grows 2 feet high; makes good hay, which is relished by stock of all kinds.

858 Perennial Rye Grass (*Lolium perenne*)—An excellent grass for permanent or temporary pasture. The hay is relished by all kinds of stock and will also stand close pasturing. Sow 15 pounds per acre.

859 Crested Dogstail (*Cynosurus cristatus*)—A very hardy, compact growing grass, which forms a lasting turf. The roots penetrate deeply and the plant withstands dry weather unusually well. Will grow on almost any soil and should be included in almost every permanent pasture mixture. Sow 30 pounds per acre.

860 Orchard Grass or Cocksfoot (*Dactylis glomerata*)—A very useful grass either sown alone or combined with other grasses for permanent pasture. One of the earliest grasses in the spring; is unusually productive. In appearance it is somewhat coarse, but as a matter of fact, is one of the most tender and succulent grasses grown and as its roots penetrate to a considerable depth, it withstands drought on light, dry soils better than many other grasses grown.

For prices see special price sheet following page 16.



Selected Mixtures For Various Purposes

907 DISCO Evergreen Lawn Grass—Nothing adds so materially to the charm of a home and distinguishes a home from a house on a vacant lot, than does a well-kept lawn. This not only applies to the suburban residence in the city, or residence in the smaller towns, but applies with equal force to the farm. We venture to say that nothing would so materially improve and maintain our home-life as an improvement in the surroundings of the average farm home. The tendency is to spend money on automobiles to take the children away from home rather than make the home and surroundings so attractive that their desire will be to stay around home. That this is desirable from every standpoint cannot be gainsayed. We have had long experience in the preparation of lawn grass mixtures, and **DISCO Evergreen Mixture** represents the very finest combination of dwarf and close growing grasses which will form in a remarkably short time a soft, velvety turf. When ordering, ask for our free pamphlet on "How to make and Maintain a Perfect Lawn." Our advice is gladly at your service in seeking to help you to establish a good lawn.

908 DISCO Permanent Pasture Mixtures—a. For high and dry land. b. For good rich land, neither too wet nor too dry. The mixtures we offer are blends of the most desirable grasses in proper proportions with the object of insuring not only abundant pasture but maintaining same for the longest possible time and in such a manner as will carry and successfully feed the maximum number of stock.

909 DISCO Permanent Meadow Mixtures—c. For high and dry land. d. For good land, neither too wet nor too dry. e. For moist and wet land. These mix-

tures for meadows are blended in such proportions as will insure the heaviest possible crop of good quality hay.

910 Timothy and Alsike Mixed—The mixture we offer of these two desirable grasses is blended in such proportions as years of experience have shown to give the most desirable combination. For either pasture or hay, this mixture gives wonderfully good results. Sow from 12 to 15 pounds per acre.

911 Timothy and Medium Red Clover Mixed—This also makes a very useful mixture for temporary meadow, and gives a heavy crop of excellent hay of high feeding value.

912 Annual Hog Pasture Mixture—Some years ago we were asked to make up a special mixture by some of our customers that would be suitable for seeding down in odd places which would otherwise be treated as waste land, for the purpose of providing a quick-growing annual hog pasture, and after careful research and several experiments we prepared a mixture which has been giving wonderful results. This mixture may be sown in any waste patches or on pastures where the grass has become thin, may be sown about corn-planting time, sowing from thirty-five to fifty pounds per acre. Hogs thrive on this much better than they do on any single variety as it gives them just that change of diet that all animals require.

We have had considerable experience in selecting mixtures of grasses for athletic and sporting grounds, golf courses, including putting greens, and shall be pleased at all times to advise as to the best mixtures to sow for certain soils and districts. We invite correspondence and will be pleased at all times to give our customers the benefit of our experience.

Miscellaneous

Rape **763 Dwarf Essex**—The value of this forage plant is so well known throughout the Northwest as to render it superfluous to lay any emphasis on this. Suffice it to caution farmers to make sure that they are obtaining the genuine Dwarf Essex Variety. This is the only variety that is really suited to the Northwest and it is only wasting time to experiment with anything else. We heartily recommend our stock as being the very best obtainable. It is clean, free from weeds, of high vitality and a quick grower.

Ask about our Cyclone and Wheelbarrow Seeders for Broadcast seeding.

For prices see special price sheet following page 16.

Forage Plants

Sunflower **764 Russian Giant**—The value of this plant has been demonstrated with unusual emphasis during the past few years and it is now being used extensively as far north as Edmonton in the Canadian West. Used in the silo either alone or in conjunction with corn, it provides excellent feed and gives a heavier weight per acre in the North than can usually be obtained by the sowing of corn. Aside from its value in the silo, for poultry feeding it is second to none, and the dry stalks make excellent kindling.

Disco Forage and Soiling Crops

Canes

1000 Dakota Early Amber Fodder Cane—This is the earliest of all Fodder Canes and is best adapted to the Northwest, where it succeeds unusually well. Will mature and produce seed in from 80 to 90 days; is greedily eaten by stock of all kinds and they fatten and flourish on this ration. Dairy cows show a marked increase in the milk flow when this Cane is fed to them. Drilled in with Early Fodder Corn, it makes excellent silage. Grows from 5 to 6 feet in height, yielding from 12 to 15 tons of green feed per acre. Should be sown at the rate of from 40 to 60 pounds per acre.

1001 Dakota Amber Sorghum Cane—The earliest, richest and best Sorghum Cane for the northwest; in fact we believe this is really the only variety that can be depended upon for the making of Sorghum or Syrup. The acute sugar shortage experienced during the past few years emphasizes the desirability of raising such substitutes on the farm. The cost is infinitesimal compared to the returns. Should be planted at the rate of from 4 to 8 pounds per acre, rows 3 ½ feet apart.

1002 Southern Fodder Cane—Does not mature so quickly as the Dakota variety, but yields a heavier crop. Where it is intended to grow for Fodder alone, the Southern grown type should be sown. Sweet and palatable, it makes very desirable feed for dairy cows, or in fact for all kinds of stock. If sown thickly, it makes excellent pasture for cattle, sheep or hogs. Not recommended for the production of Sorghum Syrup in the north. Sow from 40 to 60 pounds per acre.

1003 Sudan Grass A great drought resistant hay crop. This comparatively new grass has very rapidly made a place for itself in agricultural economy all over the States and Canada. Being susceptible to frost, it should not be sown until late in the season, but under favorable circumstances will mature in a marvellously short period of time; the first crop being ready to cut less than fifty days after seeding, and after cutting, it renews its growth promptly, and generally speaking, in from 30 to 40 days another cutting can be made. Will grow in almost any kind of soil; is unusually drought resistant. Provides excellent hay which is easily cured. The seed we offer is free from impurities of any kind and is of high vitality.



Dakota Early Amber Fodder Cane.

1004 Feterita This comparatively new grain, belonging to the Sorghum family, and introduced from Africa by the United States Department of Agriculture, has rapidly made a favorable impression wherever it has been sown. It is wonderfully drought resisting, early and heavy yielding and seems to be immune to the attacks of insect pests. Yields of 35 bushels per acre are not uncommon. If grown for the production of grain, should be sown in rows at the rate of 3 to 8 pounds per acre and cultivated, while if sown for fodder, should be broadcasted at the rate of ½ bushel per acre.

1005 Kaffir Corn Makes excellent Fodder, either green or cured. The stalks will grow 4 to 5 feet high, and are very leafy and relished by all kinds of stock. If grown for seed, will generally yield from 35 to 50 bushels per acre. If grown for grain, sow in rows 3 feet apart, 3 to 5 pounds of seed per acre, and for fodder, broadcast at the rate of ½ bushel per acre.

1006 Milo Maize Very similar in growth to Kaffir Corn, but is preferred by many growers, who claim that it produces more grain per acre and a better quality of forage. Should be sown in the same manner and at the same rate as Kaffir Corn.

For prices see special price sheet following page 16.



Disco Selected Seed Grains

We regularly test out the latest selections of seed grain at our Riverview Ranch and consequently are well posted as to the best stocks for use in South Dakota and the Northwest generally. Our unique position in the seed business with correspondents in all sections of the country, enables us to offer the very best strains grown in districts where a specialty is made of certain lines. We cordially invite our customers to write us regarding their requirements in seed grain, as we are always in a position to give them good service and our organization is cheerfully at their disposal.

position to give them good service and our organization is cheerfully at their disposal.

Barley 920 Manshury—We believe this to be the best all round type of Barley for the Northwest.

921 Oderbrucker, or Wisconsin No. 55—Being a very important crop in Wisconsin, the State Experiment Station has given somewhat close attention to the selection of Barley, and Oderbrucker is one of their best selections. It is said to be the heaviest yielder on the market.

922 Improved White Hullless—This is a totally distinct Barley in-as-much as it is both hullless and beardless, and for this reason is much better adapted for sheaf feeding than the ordinary barley, as is well known the beards are most disagreeable fed to stock in this manner. It is very early and makes an ideal cleaning crop.

Flax 926 N. D. R. Wilt-Resistant—Flax does well in the Northwest and is a paying crop, being especially valuable for seeding on new land as it does well as a first crop on new breaking. Flax is also valuable for late seeding as it can be sown when it would be too late to expect a crop even from oats or barley. The seed we offer is grown on new land and is of fine quality and free from weeds.

Oats We pride ourselves on the high grade of oats that we have been able to send out to our customers in the past and are glad to say that this year we have possibly the finest quality we have ever had.

930 Swedish Select—This variety has rapidly established itself in South Dakota, Minnesota, and the Northwestern States generally. It is wonderfully drought-resistant and will produce a crop usually under the most adverse conditions. It is a nice appearing oat with a moderately thin hull, while the straw is stiff and not liable to lodge.

931 Victory Oats—This is a new variety of Swedish origin, sometimes known as Seger, which is the Swedish for Victory. It is a short grained oat with a very thin hull, and comparatively few awns. The straw is peculiarly resilient, enabling it to stand up well against storms which would cause most other varieties to lodge. It stools well and is excellent for sheaf feeding.

932 Sixty-Day Oats—This oat is so well known as to require scarcely any description or commendation. For providing sheaf feeding during the harvest it is invaluable as it matures earlier than any other variety. While it has a small kernel, it has an unusually thin hull and yields in view of it's size a surprising amount of meal. (see illustration)

Rye 940 Spring Rye—This crop is yearly coming into greater prominence as it adapts itself to seeding either early or late and can be grown for either hay or grain. It is admirably adapted for a cleaning crop and will give a heavy yield even on the poorest land.

941 Amber Winter Rye—Sown in July or August; will provide excellent fall pasture and can be pastured right up until the snow falls, provided it is not cropped too closely, so that there will be some growth to hold the snow and prevent winter killing. One of the most profitable grain crops on the farm.

For prices see special price sheet following page 16.



Speltz

950 The value of this great crop is only be-

ginning to be fully realized. As the illustration will show, it is somewhat similar to barley, although botanically it is more closely allied to wheat. One of the surest crops known. Gives good returns even under the most adverse conditions yielding



from 35 to 50 bushels to the acre. Can be profitably fed to all kinds of stock. Sow at the rate of two bushels, (84 lbs.) per acre.

Spring Wheat

960 Marquis—The rapidity with which Marquis has dominated the wheat growing section not only in the Northern States but also in Canada is ample evidence of its unusual value. Being a hybrid variety it reverts very quickly and for this reason a change of seed frequently is desirable. The seed we offer is of very high grade, has been selected for uniformity of type, absence of bearded heads and other objectionable features.

962 Kubanka Durum or Macaroni—Within the past few years has very rapidly increased in favor owing to the fact that it is unusually rust and drought-resistant. Where Marquis and other varieties have been completely destroyed by rust or have failed to produce a crop owing to drought, wonderfully good returns were obtained from Kubanka. We strongly recommend a trial of this variety.

Navy Beans

1012—Genuine Dakota grown. Hardy, early and a sure cropper. Well adapted to the Northwest.

Winter Wheat

965 New Kanred — We distributed quite a large quantity of this wheat last fall and have a large area growing on our own farm and as the seed was procured from registered stocks, we expect to be in a position to supply the very finest quality both in regard to true-ness to type and every other feature. Kanred will undoubtedly popularize the seeding of Winter Wheat as it is a decided improvement on the old Turkey Red, being earlier and a much heavier cropper. Its earliness of course is the main feature as it enables it to be harvested before rust season begins.

Soy or Soja Beans

The value of this crop for silage, hay, hogging off and as a soil builder is annually becoming more appreciated. Where planted with corn for silage, the total yield per acre is increased and the feeding value of the silage very much improved. We strongly recommend a trial of this excellent fodder crop.

1007 Early Black—Undoubtedly the best early variety, and admirably adapted for the Northwest. Grows from 18 to 20 inches high and matures in from 65 to 75 days.

1008 Early Brown—Taller than the Early Black and is a trifle later. Well adapted for silo and hay. Grows from 24 to 36 inches high and is very leafy.

Buckwheat An excellent catch-crop, develops very rapidly. Useful either for hay or if allowed to mature, gives an excellent grain crop which is much in demand for both poultry feeding and household use.

1009 Japanese—The best variety for the Northwest. Produces its seed earlier, resists drought and is very dependable.

1010—Silverhull—While not quite so early as Japanese, is preferred by millers, as it makes a whiter, better and more nutritious flour. A nice variety to sow where bees are kept.

Field Peas One of the best annual legume crops for the Northwest, as the cool temperautre at nights just seems to suit them and they seem to make their best growth under such conditions. If sown with oats they make excellent feed and are more easily harvested and if necessary can be separated in cleaning.

1011 Canada Field—Grow to a height of four feet and will yield from 30 to 40 bushels per acre.

For prices see special price sheet following page 16.



Disco Field Roots and Fodder Plants

Purple Top Swede or Ruta Baga

700 Monarch—An early, heavy cropping, oval-shaped Ruta Baga, of fine quality. Best for early use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c; 5 lbs. \$3.50, postpaid.

703 Bangholm—Hardy, round-shaped Swede, excellent cropper; keeps well. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c; 5 lbs. \$3.50, postpaid.

Mangel Wurzel

730 Giant Yellow, Intermediate or Gatepost—Grows to a great size, high out of the ground, good quality and heavy cropper. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 80c; 5 lbs. \$3.50, postpaid.

731 Prizewinner Yellow Globe—A longish globe-shaped variety, very heavy cropper. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 80c; 5 lbs. \$3.50, postpaid.

732 Selected Mammoth or Giant Long Red—The heaviest cropper in cultivation; an area of this variety should always be grown to use in conjunction with the yellow varieties for feeding. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 80c; 5 lbs. \$3.50, postpaid.

733 Selected Golden Tankard—Neat in appearance, with small tap root; a beautiful reddish golden skin, and sound, rich, firm yellow flesh. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 80c; 5 lbs. \$3.50, postpaid.

Sugar Beet or Half Sugar Mangels

740 Giant Green Top White—A pedigreed stock of Sugar Beet or Half Sugar Mangel; bred to produce the highest percentage of feed value; a heavy cropper; much relished by stock; keeps well; easily harvested; skin a whitish color, shading to green at the top; flesh white, fine grained, solid, tender and sweet. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 80c; 5 lbs. \$3.50, postpaid.

741 Giant Green Top Rose—Grows to an unusually large size of exceptionally high feeding value; color bright pink shading to a lighter color at the bottom; flesh white, crisp and sweet. While the Sugar Beet does not produce as heavy a crop as Mangel, it is preferred by some, particularly for dairy stock. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 80c; 5 lbs. \$3.50, postpaid.

742 Klein Wanzleben—Quite a different type from the others offered; is not suitable for stock feeding, but the roots are used for the manufacture of sugar. In view of the high price of this commodity, and

Your stock will thrive better if fed a root diet occasionally.

the shortage which so frequently exists, we recommend every farmer to grow a few so as to produce enough sugar for home use. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 80c; 5 lbs. \$3.50, postpaid.

Field Carrots **750 Giant White Vosges**—Very popular all over the world where Field Carrots are grown. An unusually heavy cropper; while its feeding qualities are excellent. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. 90c; 5 lbs. \$4.00, postpaid.

751 Long Red Surrey—Many prefer to grow an orange carrot on account of its better eating qualities. While it is admitted that white carrots are the heaviest yielding it is recognized that for eating purposes the orange carrots are in favor. Long Red Surrey is a heavy yielder, fine length, thick crown, very little core, smooth, sweet, clean, tender, crisp and mellow. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00; 5 lbs. \$4.50, postpaid.

Miscellaneous Fodders

760 Kale, Thousand Headed—Belongs to the cabbage family and is sometimes known as Thousand Headed Cabbage. Will grow 3 or 4 feet high, and produces an abundance of succulent leaves all round the stem. These leaves are greedily eaten by stock; sheep being especially fond of them. Sow in drills 30 inches apart, and thin out to 24 inches between each plant. In well prepared land, with frequent cultivation, will produce 15 tons of green feed per acre. Provides A1 pasture for all kinds of stock. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00; 5 lbs. \$4.00, postpaid.

761 Kale, Giant Marrow Stem—Sometimes referred to as Duplex Rape-Kale on account of the fact that not only are the leaves useful for stock, but the thickened stem, which is full of marrow and is softer than turnip, is of high feeding value and greatly relished by stock. For summer and early fall feeding, is invaluable, as not only does it produce a great weight of leaves, but the stems are of incalculable value. Grows between 4 and 5 feet high. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00; 5 lbs. \$13.00, postpaid.

Kohl Rabi

762 Mammoth or Large Green—The value of this excellent root has not been sufficiently appreciated in the Northwest. For early fall use it possesses features which distinguish it from other roots and fodder plants which justify its being included. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50; 5 lbs. \$11.50, postpaid.



Disco Northern Grown Seed Potatoes

Potatoes The potato crop should occupy a more prominent place than it does. With the advent of improved machinery, for planting, digging and loading into wagons, the labor difficulty has been materially reduced. To obtain best results, it is necessary to change frequently and get selected northern grown seed, which has been specially grown for seed purposes. The varieties we offer have been carefully tested, are heavy croppers and good quality. When ordering give second and third choice, and say if we have the privilege of substituting, in the event of being sold out of variety ordered.

770 Irish Cobbler—Said to have been raised by an Irish shoemaker and he sure knew a good potato. One of the most universally grown potatoes, popular from Coast to Coast. Strong grower, deep eyes, hardy constitution, tubers roundish, flattened somewhat at ends; skin creamy white, foliage deep green, flowers purple; early, good cropper and splendid quality. Lb. 35c; 3 lbs. 75c; postpaid. By express, 15 lbs. \$1.00; 30 lbs. \$1.60; 60 lbs. \$2.50, bags free. Write for prices on larger quantities.

771 Early Ohio—One of the earliest varieties grown; tubers round, oblong; skin light pink; deeper in color at seed end, eyes numerous, but shallow. Flowers white. Quality good. Lb. 35c; 3 lbs. 75c, postpaid. By express, 15 lbs. \$1.00; 30 lbs. \$1.60; 60 lbs. \$2.50, bags free. Write for prices on larger quantities.

772 Burbank—A standard late variety. A very distinct type, having a long narrow shaped tuber with very shallow eyes. The flesh is beautifully white. Grows to a good size and is a heavy cropper; mealy, and of fine flavor and quality. Excellent for bagging. Does extraordinary well in light soils. Lb. 35c; 3 lbs. 75c, postpaid. By express, 15 lbs. \$1.10; 30 lbs. \$1.75; 60 lbs. \$3.00, bags free. Write for prices on larger quantities.

773 Green Mountain—A heavy yielding Main Crop, which has become quite a factor in the potato market in northern sections. Some very remarkable yields have been recorded, and it seems to adapt itself to a very wide area. One favorable feature of this potato is that it produces nearly all marketable size, very few small potatoes being produced. It is of excellent quality and keeps well. The stock we offer is northern grown. Lb. 35c; 3 lbs. 80c, postpaid. By express, 15 lbs. \$1.10; 30 lbs. \$1.75; 60 lbs. \$3.00, bags free. Write for prices on larger quantities.

774 Rural New Yorker—A very distinct potato, and in a remarkably short space of time has become one of the most popular in the American markets. The plant when growing is peculiar, in that the vines are rather of spindling nature, with dark colored stalks, dark green leaves and purple blossoms. The tubers are nearly round, flattened, pure white skin; excellent quality. A very attractive potato and always commands a high price on the market. Lb. 35c; 3 lbs. 80c, postpaid. By express, 15 lbs. \$1.10; 30 lbs. \$1.75; 60 lbs. \$3.00, bags free. Write for prices on larger quantities.

780 Potato Eyes—For those who desire to get a new strain of potatoes, particularly in outlying districts, where freights are high and transportation is slow, we confidently recommend Potato Eyes. We guarantee their safe arrival in good condition for planting. If, for any reason they cannot be planted, immediately on arrival, they should be spread out thinly and covered with soil. This will retain their vitality, and if carefully planted, they will not suffer. 100 Eyes, 25 each of any four varieties, \$1.25, postpaid. Any one variety of Eyes, 50c per 25 eyes, postpaid.

All prices on potatoes are subject to change.

Disco Guaranteed Vegetable Seeds

We discontinued growing or handling vegetable seeds in the year 1914, owing to the fact that we had no one at that time in our organization who could undertake to oversee this department and insure the well known **DISCO** quality.

Richard Burn's affiliation with the company enables us to re-introduce this department of our business and vegetable and flower seeds will now receive

as much attention as **Alfalfas, Corn** and other **Field Seeds**. Mr. Burn has over 28 years' experience so that every packet we send out really has behind it over a quarter century's experience. We will send only the choicest, cleanest and most fertile seeds possible to produce. **Our vegetable and flower seeds** like all other seeds must live up to the **DISCO** Guarantee.

Why We Sell by Mail Instead of Putting Up Seeds in Boxes to be Sold by Local Stores

It has almost become a by-word among growers, "**Beware of picture packets,**" and you rarely find anyone who really makes a success of their garden who patronizes the general store for what are known as commission packets. There are many reasons for this, but space

forbids elaboration. Suffice it to say that you are acting in your own interests if you order your seeds by mail from us. By so doing you get seeds of the highest type, kept under conditions which insure the vitality and vigor.

Grow More Vegetables It Will Reduce the High Cost of Living

Generous supplies of fresh vegetables used in the home will prevent sickness and promote strong healthy bodies. **Carrots** are good for indigestion. **Lettuce** for insomnia. **Lettuce, Celery and Onions** are an excellent nerve tonic. **Spinach and Asparagus** prevent Kidney trouble. **Tomatoes** stimulate the liver. **Parsnip** is a good spring medicine. **Water Cress** is a tonic. **Beets, Beans and Potatoes** add fat to the body.

CANNED GOODS.

It is not the purpose of this article to weary you with statistics as to the quantities of canned vegetables that are annually used. It is patent to even the casual observer that it must reach a huge total. The nuisance ground on the outskirts of even our smaller towns bears silent testimony to this.

Does it not seem an economic anomaly to import **Canned Vegetables**, pay heavy

freights and two or three profits when you could grow them right in your own garden and pay less for the seed than the price you pay for the empty can which you throw away!

Our Liberal Offer.

To encourage early ordering we are pleased to make these very attractive reductions. On all orders for **Vegetable and Flower Seeds**, selected from our catalogue and mailed to us before the first day of March, 1921, the following special discounts will be allowed. **Orders amounting to \$2.00, discount 20c; \$3.00, 35c; \$4.00, 45c; \$5.00, 60c; \$10.00, \$1.25.** Extra seed may be selected to value of discount.

See also our cooperative plan for Field seeds on price sheet following page 16.

Market Gardeners—Send us a list of your requirements and get our special prices. Our stocks will please you.

See competition for Boys and Girls page 1.



A Good Name Well Known. For 14 years
this name has signified the best in seeds.
Grow Well Because They Are Well Grown.

To insure prompt attention address all orders to the firm, not to individuals. Use order sheet in front of catalog.

SPECIAL PRICE SHEET

prices on large quantities. All seeds are sold on the basis of the Disco Guarantee, printed on the inside front page cover of the 1921 Catalog. We expect prices will advance, and recommend early ordering. If no Agent at your station, add sufficient to prepay freight or express. If you remit too much, surplus will be promptly refunded. If required by parcel post, your Postmaster will tell you in what zone from Mitchell you are located so that you may include correct postage with your remittance.

Our Co-operative plan: In view of high freight rates we are anxious to co-operate with our customers to enable them to combine together in a co-operative way and make up carload shipments. This not only saves freight, but also insures more prompt and safe delivery, as in carload lots the bags are loaded into the cars at our warehouse and go right through to destination without change. To enable our customers to do this, we will reserve orders at current prices, when orders are received, on payment of 25% of the value, the balance to be paid before shipment is made. We make this concession to encourage co-operative orders and early ordering. This will apply only on orders received before March 1st, 1921, and they must be completed not later than April 5th, 1921. Get together! Co-operate with a firm that has given you good service in the past and aims to serve you better in the future. Should prices have changed when your order is received, if lower, we will refund balance; if higher, we will either reduce your order to the amount remitted, or ship C. O. D. for the balance, as you prefer.

ALFALFA. Bountiful crops are being harvested all over the United States and Canada from fields sown with DISCO ALFALFA SEED. DISCO Hardy Alfalfa is a household word with successful Alfalfa growers.

A TESTIMONIAL FROM THE FAR NORTH

Extract from letter received from Medicine Hat, Canada: "Some years ago we purchased from you a quantity of DISCO 19A Grimm Alfalfa Seed. We have sold this seed to go to every part of Canada and have yet to hear of a case of winter killing. Our fields have been inspected by Government officials and others and have been pronounced "Pure Grimm."

A TESTIMONIAL FROM THE EAST

Extract from letter received from John H. Barron, Extension Professor, N. Y. State College of Agriculture at Cornell University: "I therefore am writing to you to ask you to give me an opportunity to buy at least a small quantity of your Baltic Alfalfa. As I have told you before, this type of Alfalfa has been entirely satisfactory in the hands of a considerable number of New York farmers."

Current Prices January 1st, 1921 F. O. B. Mitchell, S. D. No Cartage Charges.
Bags Weighed In Free.

Catalog Page	No.		100 lbs.	50 lbs.	25 lbs.	1 lb.	100 lb. price equals per bushel	Packed in Bags Containing	Special Price Bag Lots
2	870	ALFALFA, 60 lb. per bushel.							
	871	Registered Disco No. 26.....	47.00	24.00	12.25	.52	28.20	150 lbs.	69.00
	872	" " " 28.....	50.00	25.50	13.00	.55	30.00	"	73.50
	873	" " " 38.....	49.00	25.00	12.75	.54	29.40	"	72.00
	874	" " " 79.....	47.00	24.00	12.25	.52	28.20	"	69.00
	875	" " " 80.....	47.00	24.00	12.25	.52	28.20	"	69.00
3	876	DISCO Grimm.....	65.00	33.00	16.75	.70	39.00	"	96.00
	877	" " No. 19A.....	80.00	40.50	20.50	.85	48.00	"	118.50
	878	DISCO Baltic.....	95.00	48.00	24.25	1.00	57.00	"	141.00
	879	" " No. 11C.....	100.00	50.50	25.50	1.05	60.00	"	148.50
	881	Dakota No. 12, DISCO Brand.....	45.00	23.00	11.75	.50	27.00	"	66.00
	882	Common Dakota Grown, DISCO Brand..	35.00	18.00	9.25	.40	21.00	"	51.00
	883	" " " Emerald ".....	32.00	16.50	8.50	.37	19.20	"	46.50

Bags are supplied free.

4	885	CLOVERS, 60 lb. per bushel.							
	886	Sweet—Hulled & Scarified							
	887	White Blossom—DISCO Brand.....	22.50	11.75	6.15	.27	13.50	"	32.75
	888	" " " Emerald ".....	20.00	10.50	5.50	.25	12.00	"	29.00
	889	Yellow Blossom—DISCO Brand.....	22.00	11.50	6.00	.27	13.20	"	32.00
	890	Medium Red—DISCO Brand.....	28.00	14.50	7.50	.33	16.80	"	41.00
	891	" " " Emerald ".....	27.00	14.00	7.25	.32	16.20	"	39.50
	892	Mammoth " DISCO ".....	30.00	15.50	8.00	.35	18.00	"	44.00
	893	" " " Emerald ".....	29.00	15.00	7.75	.34	17.40	"	43.00
	894	Alsike or Swedish—DISCO Brand.....	35.00	18.00	9.25	.40	21.00	"	51.50
	895	" " " Emerald ".....	34.00	17.50	9.00	.39	20.40	"	50.00
	896	White or Dutch—DISCO Brand.....	70.00	35.50	18.60	.75	42.00	"	103.50
	897	INOCULATING CULTURE.....	1 1/2 bu. size .60c; 1 bu. size \$1.20; sufficient for 300 lbs.						\$5.75

If required by mail add extra for postage.

We have always taken great pride in the quality of our Seed Corn.
This year it is better than ever, send us a trial order—You will be delighted.

5		DAKOTA GROWN SEED CORN. Shelled and Graded 56 lb. per bushel.							
			10 Bushels	5 Bushels	2 Bushels	1 Bushel	Packed In	Special	
			or more	or more	or more		Bags	Per	
			Per Bu.	Per Bu.	Per Bu.		Containing	Bag	
							2 bu.		
	970	Yellow Dent Varieties.							
		Riverview Special.....	3.50	3.55	3.60	3.65			
	971	Minnesota 13.....	3.85	3.90	3.95	4.00			7.20
	972	Early Murdock.....	3.35	3.40	3.45	3.50			7.90
	973	Disco Pride.....	3.85	3.90	3.95	4.00			6.90
6	974	Pride of the North.....	3.60	3.65	3.70	3.75			7.90
	975	Wimples.....	3.35	3.40	3.45	3.50			7.40
	980	Disco 90-Day White Dent.....	3.35	3.40	3.45	3.50			6.90
	985	Northwestern Dent.....	3.85	3.90	3.95	4.00			6.90
		Disco Flint Corn.							7.90
7	990	Disco White.....	4.35	4.40	4.45	4.50			8.90
	991	Gehu Yellow.....	4.35	4.40	4.45	4.50			8.90
	992	Disco Squaw (Rainbow).....	4.35	4.40	4.45	4.50			8.90
	993	King Philip Red.....	4.35	4.40	4.45	4.50			8.90
		Disco Fodder Corn.							
	994	Early Yellow Dent.....	2.60	2.65	2.70	2.75			5.40
	995	Medium.....	2.60	2.65	2.70	2.75			5.40
	996	Evergreen Sweet (46 lb.).....	4.85	4.90	4.95	5.00			9.90

NO
CHARGE
FOR
BAGS

DAKOTA IMPROVED SEED CO., Mitchell, S. D.
UNITED STATES FOOD ADMINISTRATION LICENSE NUMBER G41870.

THE CORN PALACE
CITY
(Read the Other Side)




Special Price Sheet

FOR EARLY ORDERS

Subject to Prior Sale and Market Change. Read Other Side Before Ordering.

Current Prices January 1st, 1921
Bags Weighed in Free

F. O. B. Mitchell, S. D. No Cartage Charges.

Catalog Page No.		100 lbs.	50 lbs.	25 lbs.	100 lb. price equals per bushel	Packed in Bags Containing	Special Price Bag Lots
8	DISCO SELECTED MILLETS, 50 lb. per bu.						
900	Common or Northern White.....	3.75	2.15	1.20	1.88	145 lbs.	5.35
901	Dakota Kursk.....	4.50	2.50	1.40	2.25	"	6.35
902	Siberian.....	4.00	2.25	1.25	2.00	"	5.65
903	Golden or Liberty.....	5.00	2.75	1.50	2.50	"	7.05
904	Hog or Broom Corn.....	4.00	2.25	1.25	2.00	"	5.65
905	Early Fortune.....	4.00	2.25	1.25	2.00	"	5.65
906	Japanese or Billion Dollar Grass (36 lb.).....	6.50	3.50	1.90	2.34	"	9.25
9	DISCO SELECTED GRASS SEEDS.						
850	Timothy—Disco Brand.....	10.50	5.50	2.90	4.73	135 lbs.	14.00
861	" Emerald ".....	9.00	4.75	2.50	4.05	"	12.00
851	Awnless Brome.....	17.50	9.00	4.65	2.45	100 lbs.	.....
852	Western Rye Grass.....	16.00	8.25	4.25	2.24	"	.....
854	Meadow Fescue or English Blue.....	30.00	15.25	7.75	.....	"	.....
855	Red Top (Solid Seed).....	21.00	10.75	5.50	.....	"	.....
856	Kentucky Blue.....	35.00	17.75	9.00	.....	112 lbs.	39.00
857	Canadian Blue.....	25.00	12.75	6.50	.....	"	27.85
858	Perennial Rye Grass.....	15.00	7.75	4.00	.....	208 lbs.	30.50
859	Crested Dogs Tail.....	28.00	14.25	7.25	.....	100 lbs.	.....
860	Orchard or Cocksfoot.....	25.00	12.75	6.50	.....	"	.....
10	DISCO SELECTED MIXTURES.						
907	Disco Evergreen Lawn Grass.....	35.00	17.75	9.00	1 lb. .37	100 lbs.	.....
908	Disco Permanent Pasture Mixture.....	25.00	12.75	6.50	.....	"	.....
909	" Meadow ".....	25.00	12.75	6.50	.....	"	.....
910	Timothy & Alsike Mixed.....	17.50	9.00	4.65	.....	135 lbs.	23.25
911	Timothy & Red Clover Mixed.....	15.00	7.75	4.00	.....	"	20.00
912	Disco Annual Hog Pasture Mixture.....	6.50	3.50	1.90	.....	130 lbs.	8.25
10	DISCO FORAGE & SOILING CROPS.						
763	Rape, Dwarf Essex.....	10.00	5.25	2.75	1 lb. .12	160 lbs.	15.50
764	Sunflower, Russian Giant.....	8.00	4.25	2.25	.....	100 lbs.	.....
11 1000	Disco Early Amber Fodder Cane.....	5.00	2.75	1.50	.....	"	.....
1001	" Amber Sorghum Cane.....	6.50	3.50	1.90	.....	"	.....
1002	" Fodder Cane.....	4.00	2.25	1.25	.....	"	.....
1003	Sudan Grass.....	8.00	4.25	2.25	.....	"	.....
1004	Feterita.....	5.00	2.75	1.50	.....	"	.....
1005	Kaffir Corn.....	5.00	2.75	1.50	.....	"	.....
1006	Milo Maize.....	5.00	2.75	1.50	.....	"	.....
12-13	DISCO SELECTED SEED GRAINS.						
950	Speltz, 40 lb. per bushel.....	3.50	2.00	1.10	Per Bu. 1.40	100 lbs.	.....
	Soy or Soja Beans, 60 lb. bu.						
1007	Early Black.....	12.00	6.25	3.25	7.20	150 lbs.	17.75
1008	Early Brown.....	12.00	6.25	3.25	7.20	"	17.75
	Buckwheat, 48 lbs. per bushel.						
1009	Japanese.....	5.00	2.75	1.50	2.40	100 lbs.	.....
1010	Silver hull.....	5.00	2.75	1.50	2.40	"	.....
<div>When you buy  you are buying the best. The best is always the cheapest in the end.</div>							
	Barley, 48 lb. per bushel.						
920	Manshury.....	1.43	1.46	1.48	1.50	2 bu.	2.90
921	Oderbrucker or Wise. No. 55.....	1.53	1.56	1.58	1.60	"	3.16
922	Improved White Hullless (60 lb.).....	3.85	3.90	3.95	4.00	"	7.90
	Flax, 56 lb. per bushel.						
926	N. D. Wilt-resistant.....	4.10	4.15	4.20	4.25	"	8.40
	Oats, 32 lb. per bushel.						
930	Swedish Select.....	1.28	1.31	1.33	1.35	2½ bu.	3.30
931	Victory.....	1.28	1.31	1.33	1.35	"	3.30
932	Sixty Day.....	1.28	1.31	1.33	1.35	"	3.30
	Rye, 56 lb. per bushel.						
940	Spring.....	2.35	2.40	2.45	2.50	"	6.10
941	Amber Winter. Write for Prices.						
	Spring Wheat, 60 lb. per bushel.						
960	Marquis.....	3.65	3.70	3.73	3.75	2½ bu.	9.30
962	Kubanka Durum or Macaroni.....	3.65	3.70	3.73	3.75	"	9.30
	Winter Wheat, 60 lb. per bushel.						
965	New Kanred. Write for prices.						
	Field Peas, 60 lb. per bushel.						
1011	Canada Field.....	5.35	5.40	5.45	5.50	"	13.60
1012	Navy Beans, 60 lb. per bushel.....	5.85	5.90	5.95	6.00	"	14.85
<div>Cyclone Broadcast Seeders, Complete ready to use—\$3.00 each. If ordered with seeds value \$10.00— Special price \$2.00.</div>							

DAKOTA IMPROVED SEED CO., Mitchell, S. D.

(Read the Other Side)

Asparagus

One of the earliest and most delicious spring vegetables. Everyone should put in a bed of these for their own use.

10 Conover's Colossal—pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c, postpaid. Distinguished by its superior quality, productiveness, evenness of growth and fine pea green colored shoots.

11 Roots—two-year old—doz. 45c; 50 for \$1.25; 100 for \$2.00, postpaid.

Beans

To insure hardiness, our Beans are grown as far north as possible, consistent with perfect development and proper maturity. We are not offering a lengthy list of varieties which to the average grower only causes confusion. Our selection consists of what we from long experience believe to be the very best.

20 Golden Waxpod, Imp.—pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. The most popular wax variety and one of the best. Very early and a heavy cropper, the pale yellow pods sometimes growing eight inches long. The flesh is brittle, stringless and of good quality. For illustration see Fig. A.

21 Kidney Waxpod—pkt. 10c; $\frac{1}{2}$ lb. 35c; lb. 55c; 5 lbs. \$2.50, postpaid. Resembling the old favorite Wardwells but more robust and prolific. Pods are eight inches long, stringless, fibreless, very fleshy and brittle, and of an attractive clear yellow color. For illustration see Fig. E.

22 Pencil Pod Black Wax—pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. The finest of the dwarf black seeded wax varieties. Exceptionally early and productive. Pods seven inches long, round, straight and crease-backed, perfectly stringless, fleshy and brittle. For illustration see Fig. B.

30 Blk. Valentine, Greenpod—pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. Beautiful large pods, slender, round and nearly straight, fine-grained, and a nice dark green color. More vigorous grower than Red Valentine. For illustration see Fig. C.

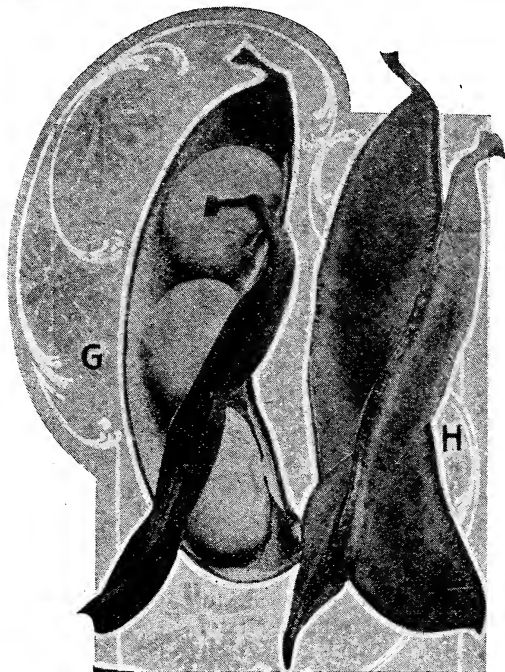
31 Stringless Greenpod—pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. Very early hardy, vigorous and productive. Large pods, stout, round, tender and brittle; dark green in color. Perfectly stringless. Finest quality. For illustration see Fig. F.

40 Emperor Scarlet Runner, Pole—pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 5 lbs. \$2.00, postpaid. The largest podded variety in cultivation, bearing a heavy crop of very fine handsome pods, borne in clusters, of excellent cooking quality. Useful also for trellis work or verandah covering, its bright scarlet flowers and verdant foliage being very effective.

41 Horticultural Pole, or Cranberry (October Bean)—pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. The well known standard sort; very hardy and productive; medium early. The pods which grow from five to six inches long are straight, flat, stringless and of excellent quality. The color is a beautiful dark green, splashed with bright red.

42 Kentucky Wonder, or Old Homestead Pole—pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. This is probably the most popular green-podded, climbing, or corn-hill bean grown in the north west. It is very early and productive. The pods will grow to eight and nine inches long; are very slender, curved, and of tender quality.

A vegetable diet promotes good health.



Beans, Lima.

Brussels Sprouts Miniature Cabbages produced on a plant stalk, used like cabbage. The delicate flavor is improved by a slight touch of frost.

100 Standard—Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.20, postpaid. A magnificent variety with large solid sprouts produced from top to bottom.

Beet (Table)

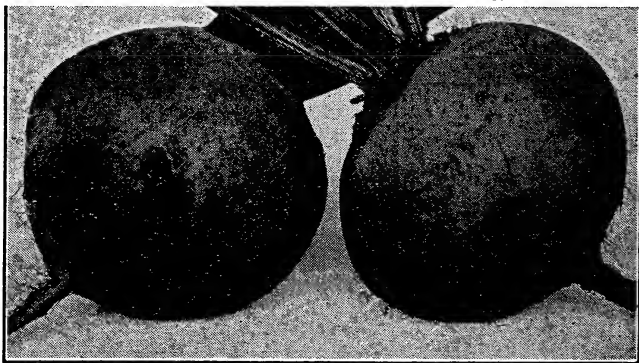
No garden should be without a generous sowing of this excellent blood enriching vegetable, which thrives so well in the Northwest.

70 Crosby's Egyptian—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. Our strain of this popular beet is an exceptionally good one, if thinned out at the proper time, will produce nice sized shapely roots, very rapidly.

A flattened globe shape; skin very dark red; flesh a trifle lighter and lightly zoned; produces very small tops.

71 Detroit Dark Red—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. One of the very best sorts for home or market garden and for canning or pickling. Roots uniformly smooth, medium size and beautifully globe shaped; skin blood red, flesh dark red, zoned with a lighter shade; quality tender and sweet.

72 Extra Early Flat Egyptian—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. Without doubt one of the earliest varieties in cultivation. Tops are un-

**Beet Crosby's Egyptian.**

usually small; roots being distinctly flat, rather than globe shaped; color a dark red; flesh a dark purplish red, zoned to a lighter shade. A splendid variety for first crop for either market or home use.

80 Swiss Chard, Lucullus—Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00, postpaid. The cut and come again spinach. If its merits, usefulness and easy cultivation, were even half appreciated, it would find a place in every garden. Produces abundance of greens which can be used all summer.

Hardy, specially grown and selected for the Northwest.



Cabbage The selection of varieties we offer will enable you to have a supply all the year round.

110 Alpha—Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00, postpaid. The earliest variety in cultivation. Should be sown for first crop.

111 Early Jersey Wakefield—Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00, postpaid. Early pale glaucous green, with blunt conical heads of good size. The most widely known and popular variety.

112 Early Winingstadt—Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00, postpaid. Early main crop, firm, compact, short conical head, rather leafy, leaves undulated at the edge. One of the best for either early or late use.

113 Copenhagen Market—Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$3.75, postpaid. Short-stemmed, growth compact, outer leaves small, tightly folded over a solid flattish ball-shaped head with fine veins and small core, averaging about ten pounds in weight. Can be planted closely together and will yield a greater crop per acre than any other cabbage. Our stock is very uniform to type and matures with great evenness.

114 Glory of Enkhuizen—Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$3.75, postpaid. Short-stemmed medium early, with large round very hard head and few outer leaves, which permits close planting. A good keeper and splendid for winter use. Should be grown as a succession crop to Copenhagen Market.

115 Premium Flat Dutch—Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00, postpaid. Large heads flattened on top, very full and firm, long stem. Will stand more frost than most varieties, and may be left later in the ground.

116 Danish Ball Head—Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$4.00, postpaid. A very distinct short-stemmed cabbage, with round very hard and solid heads, a late variety, popularly grown for keeping through the winter.

117 Danish Round Head—Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$4.00, postpaid. Similar to Ball Head, slightly larger, longer stem and about two weeks earlier. Very hard and heavy.

130 Red Dutch Dwarf—Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50, postpaid. The earliest of the Red varieties, and the best for pickling.

140 Savoy, Dwarf Green Curled—Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50, postpaid. Sometimes described as the "Honey Comb Cabbage." Hearts quite green and very solid, will stand twenty degrees of frost, and remains a long time on the ground fit for use.

150 Chinese (Pe Tsai)—Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50, postpaid. Celery cabbage, resembles Cos Lettuce, but has a decided cabbage flavor.

Cress (Pepper or Tongue Grass)—Sown with White Mustard makes an excellent Salad, most refreshing used in bread sandwiches.

210 Extra Curled—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid. A distinct compact growing variety, leaves deeply cut and curled at the edges. Charming pungent flavor.

211 Water—Pkt. 10c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00, postpaid. A distinct Cress, thriving best in moist positions, or in brooks or ditches, where its roots and stems are submerged. Makes a delicious and appetizing Salad.



Copenhagen Market.



Premium Flat Dutch.



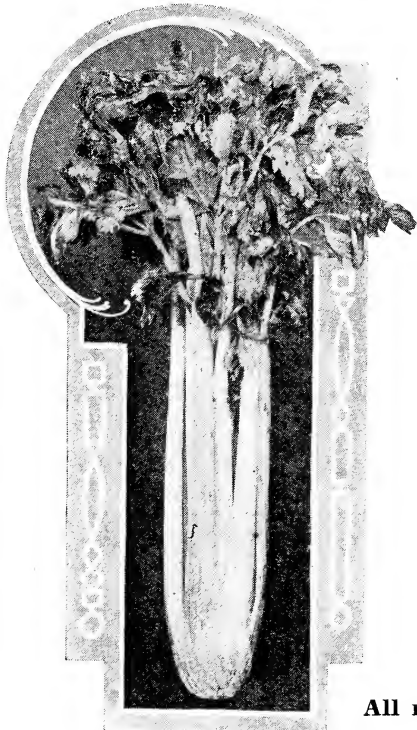
Danish Ball Head.

Watercress contains much iron, and this is a real blood medicine. People who desire a good complexion should eat it abundantly, because it is a destroyer of pimples and a cleanser of the entire system. Watercress will also neutralize chalk in the blood, which matter is a great cause of ageing and stiffening of the fibres.

No need to trouble writing the names, order by number only.



Carrot Chantenay.



Celery Giant Pascal.

Carrot You can make an enjoyable meal off carrots nicely served.

160 Chantenay—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. Excellent medium early half-long stump rooted variety, about six to eight inches long, very thick, smooth and of a deep orange-red color. This variety and Oxheart are really the most popular sorts.

161—Danvers Half Long—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. Pale color, half-long semi-stump rooted. Short top. Very sweet and tender quality flesh.

162 Early Scarlet Horn—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. Roots three inches long; color orange red, inclined to be blunt rooted, splendid for first, early or market use. Forces well in frames.

163 Oxheart—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. Very short and thick, four and one-half to five inches long, easily harvested; color light bright orange; flesh very delicate and sweet; early.

164 St. Valery Long Red—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. Roots ten to twelve inches long, very smooth, bright red, broad at the neck and tapering to a point; flesh thick, sweet and tender, suitable for field culture, does best in light deep rich soil. Good winter keeper.

Cauliflower Some people are afraid to try growing these, owing to the reputed difficulty. Try the two sorts we offer, according to our instructions, and we guarantee success.

170 All Seasons, Extra Improved—Pkt. 25c; $\frac{1}{4}$ oz. \$1.15; oz. \$4.25; $\frac{1}{4}$ lb. \$14.00, postpaid. We gave the name "All Seasons" to this variety, as it very aptly describes its characteristic. By sowing at intervals, splendid heads of Cauliflower may be available throughout the whole season. The quality is excellent and we cannot too strongly recommend it.

171 Early Snowball, Extra Selected—Pkt. 15c; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00; $\frac{1}{4}$ lb. \$10.00, postpaid. One of the best varieties for the Northwest; early and superb quality. Our strain has been carefully selected and we know it will please you.

Celery Should be in every garden. Eat lots of Celery, either cooked or raw, and you won't be troubled with Rheumatism.

180 Giant Pascal—Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 30c; $\frac{1}{4}$ lb. 75c; lb. \$2.25, postpaid. Vigorous growing compact, productive variety. Stalks short, broad, very thick, crisp and tender, blanching readily to a yellowish white color. A very good keeper and one of the best for winter use.

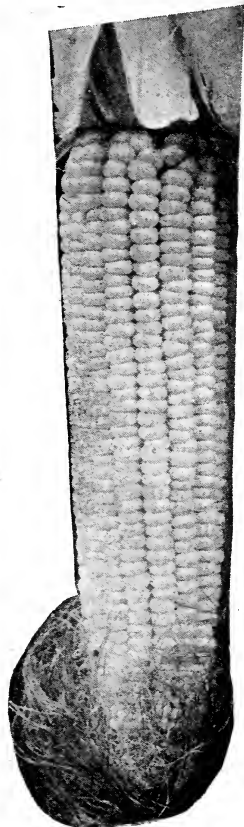
181 Golden Self Blanching—Pkt. 10c; $\frac{1}{2}$ oz. 45c; oz. 75c; $\frac{1}{4}$ lb. \$2.50; lb. \$7.00, postpaid. A French variety introduced in 1883. It is undoubtedly the finest early celery in cultivation. It is perfectly solid, of a fine nutty flavor, attains a good size, and when blanched is of a handsome golden yellow color.

182 White Plume Improved—Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 30c; $\frac{1}{4}$ lb. 80c; lb. \$2.50, postpaid. Distinguished by the silver white color of its inner leaves. A very early handsome variety, easily blanched, a beautiful white color. The most popular sort in the Northwest.

190 Celeriac or Turnip Rooted Celery—Pkt. 10c; $\frac{1}{2}$ oz. 15c; $\frac{1}{4}$ lb. 75c; lb. \$2.50, postpaid. Develops instead of the usual stalks, a broad coarse root, which is much esteemed as a vegetable for flavoring soups. Very hardy and will keep all winter if properly stored.

All new crop fresh seeds.

Corn—Sweet



First and Best.

Sweet Corn ought to be more extensively grown than it is, occupying as it does such an important place among vegetables, being whole some, nutritious, and healthful.

FIRST EARLY VARIETIES.

221 Golden Bantam—Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.50, postpaid. By express, 10 lbs. or more, at 22c per lb. Early; golden yellow in color, of highest quality. Ears six to seven inches long. Our stock has been most carefully selected.

222 First and Best—Pkt. 10c; ½ lb. 25c; 1b. 40c; 5 lbs. \$1.75, postpaid. By express, 10 lbs. or more, at 25c per lb. One of the earliest maturing varieties on the market; beautiful white color. For such an early variety, produces a wonderfully large ear. Beautiful quality.

223 Early Mammoth White Cory—Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.50, postpaid. By express, 10 lbs. or more, at 22c per lb. The earliest and best of all extra early sweet corn. Ears ten to twelve rowed; seven to eight inches

long; very sweet, tender and white. If you have not tried this, do so, it will certainly please you.

224 Whipple's Early—Pkt. 15c; ½ lb. 35c; 1b. 60c; 5 lbs. \$2.75, postpaid. By express, 10 lbs. or more, at 40c per lb. This variety selected and introduced by the celebrated Corn Raiser, Mr. Whipple.

Yellow variety, somewhat similar to Golden Bantam or Buttercup, but is earlier than either of these varieties; is equal in quality and the ears are much larger than Golden Bantam. From trials we have seen of these varieties, we believe that it is destined to become very popular, suitable both for market or home use.

SECOND EARLY VARIETIES.

225 Early Crosby—Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.50, postpaid. By express, 10 lbs. or more, at 22c per lb. The standard and popular variety; twelve-rowed with ears seven inches long; the grains are short and square, beautifully white, sweet and tender. One of the most popular second early varieties.

226 Howling Mob—Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.50, postpaid. By express, 10 lbs. or more at 22c per lb. It is said that this variety received its name because of the fact that when the original grower brought cobs into the market to sell, so popular had they become that the crowds who pressed

forward to his stand to secure their supplies, represented literally a howling mob.

Ears are from 9 to 10 inches long; 16-rowed, of a beautiful white color and of excellent quality; a good sort for general use, both for the home garden and also for the market grower.

MAIN CROP VARIETIES.

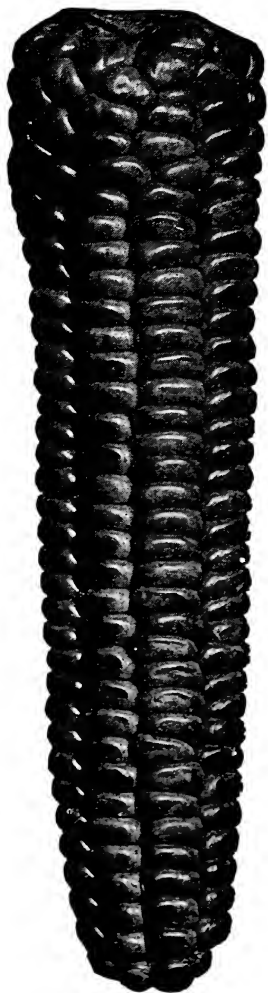
227 Black Mexican—Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.50, postpaid. By express, 10 lbs. or more, at 22c per lb. This famous old variety which will be remembered because of its unusual sweetness and delicate flavor has been much improved by selection, and the stock we now offer is sufficiently early and hardy to be grown with perfect success anywhere in the United States.

This corn when ready for the table is a beautiful clear white, but when the grain is ripe, it is a peculiar black or bluish-black. We recommend this as the most desirable Main Crop Variety.

228 Country Gentlemen—Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.50, postpaid. By express, 10 lbs. or more, at 22c per lb. In this standard variety the acme of perfection and quality is obtained. The ears are from 8 to 9 inches long; the cob is small, white in color and densely covered with long, white, slender grains. The formation is peculiar inasmuch as the grains are not formed on the cob in regular row formation, but are closely packed together without any apparent order. It is a heavy cropper and owing to its unusual heavy husk, it is protected in such a manner that it retains its tenderness and keeps in the "milk stage" for an unusually long time.

229 Stowell's Evergreen—Pkt. 10c; ½ lb. 20c; 1b. 30c; 5 lbs. \$1.25, postpaid. By express, 10 lbs. or more, at 20c per lb. The best known Sweet Corn. Ears 8 to 9 inches long, 16 to 18 rowed, with a very deep sweet grain. Our strain is unusually good.

230 White Rice Pop Corn—Pkt. 10c; ½ lb. 20c; 1b. 30c; 5 lbs. \$1.25, postpaid. By express, 10 lbs. or more, at 20c per lb. The earliest of the popping varieties and the only one that can be successfully grown in the middle and northwest. For corn for popping, see page 41.

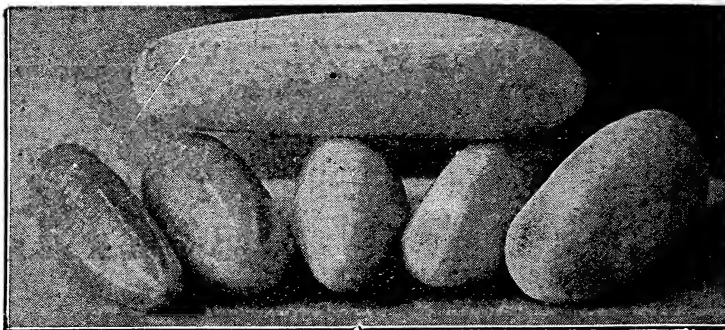


Golden Bantam.

Plant a garden and reduce the high cost of living.

The best is that which renders the most service.

Not the cheapest, nor yet the dearest.



There can be no reasonable excuse for sowing inferior seeds. Seeds of the highest standard are undoubtedly the cheapest.

Cucumber

Fresh cucumbers gathered from your own patch are just as different as chalk is to cheese from those half wilted fruits which you buy in the store. **Moral—Grow your own.**

240 Extra Early Russian—Pkt. 5c; oz. 20c; ¼ lb. 45c; lb. \$1.45, postpaid. The earliest cucumber in cultivation, hardy and productive; fruit very small.

241 Early Fortune—Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.50, postpaid. The finest type of White Spine yet produced. Early, very productive and disease resistant; fruits 9 inches long; slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich dark green. Splendid shipping variety.

242 Chicago Pickling—Pkt. 5c; oz. 20c; ¼ lb. 45c; lb. \$1.40, postpaid. The most popular and excellent pickling sort, very uniform, productive and of good color; hardy and early.

243 Cool and Crisp—Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.50, postpaid. A white spine type; early; pointed at both ends; good quality for slicing, but no use for pickling.

244 Extra Long White Spine—Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50, postpaid. The largest of the White Spine family; fruit long, thick and tapering to both ends, crisp and solid, a fine slicing sort; color light green.

245 Japanese Climbing—Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00, postpaid. A distinct climbing sort for covering fences or trellises; fruit 10 inches long, thick, crisp and fine quality; color dark green.

246 Early Frame or Short Green—Pkt. 5c; oz. 20c; ¼ lb. 45c; lb. \$1.40, postpaid. Medium sized, vigorous growing and productive variety. Good for both pickling and slicing.

247 Cucumber Long Green Improved—Pkt. 5c; oz. 20c; ¼ lb. 45c; lb. \$1.40, postpaid. Well known table variety grows 12 to 14 inches long, tapering towards the stem; end color dark green; flesh white and firm. Our stock is very superior.

Egg Plant Not so easily grown as Cucumbers, Tomatoes, etc., requires more care, but well worth the trouble.

250 Early Long Purple—Pkt. 10c; ½ oz. 50c; oz. 75c; ¼ lb. \$2.00; lb. \$6.00, postpaid. One of the earliest, most hardy and productive sorts; fruits 6 to 8 inches long; rich purple and fine quality.

251 New York Improved Purple—Pkt. 10c; ½ oz. 50c; oz. 75c; ¼ lb. \$2.00; lb. \$6.00, postpaid. This variety has long been a favorite with market growers. The plant grows to a large size; of a spreading nature and absolutely spineless. Each plant will usually produce 4 to 6 large oval fruits of dark purple color. The quality being second to none. For main crop, we heartily recommend this excellent variety.

Endive Excellent for salad; easily grown and remains fit for use late in the fall.

255 Green Curled—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50, postpaid. One of the best varieties for general use; the heads grow very close, leaves forming a dense mass and being finally curled.

Garlic—See page 26.

Kale or Borecole

Excellent for late greens, is also much relished by poultry; improved by a touch of frost.

260 Dwarf Green Curled Scotch—Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25, postpaid. Grows 1 to 1½ feet high, spreading growth, leaves intensely curled.

Kohl Rabi Turnip Rooted Cabbage Bulbs grow above ground, are stripped and cooked like turnips, but are much sweeter and finer flavor.

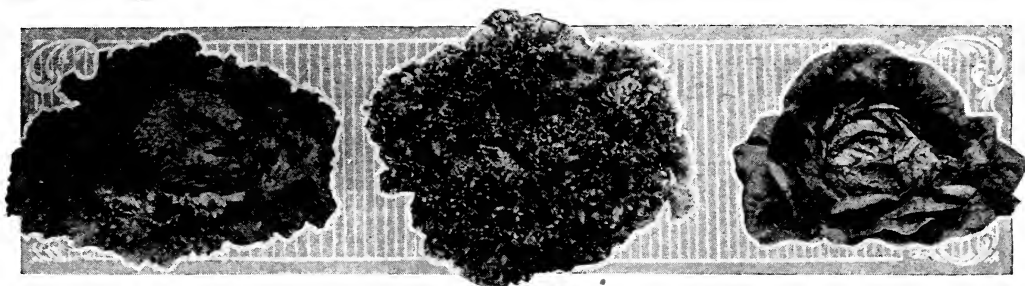
270 Early White Vienna—Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50, postpaid. Best for garden cultivation, early, dwarf top, fine quality. For field variety see Field Roots, page 15.

Lawn Grass—See page 10.

Leek Splendid for soups, the mainstay of Scotch broth.

290 Large American Flag—Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00, postpaid. The most popular variety with gardeners everywhere; of strong growing habit, very broad leaved. If earthed up blanches beautifully, forming excellent long white plants which are a delight to the cook.

See our interesting competition for boys and girls, page 1.


Big Boston.
Grand Rapids.
California Cream Butter.

Lettuce In hot weather lettuce is always welcome on the table and nothing beats a few heads fresh pulled from your own garden.

301 Big Boston—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid. Very popular for outside culture as well as cold frame forcing. Head large and compact, leaves broad, almost smooth, color light green, slightly tinged reddish-brown; heart greenish-white, tinged yellow of good quality.

302 California Cream Butter—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid. Plant compact, heads large, globular and very firm; leaves broad, crumpled and very thick; color dark, glossy green, freely spotted deep brown; the heads blanch a beautiful creamy yellow; quality the best.

303 Grand Rapids—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid. The favorite loose-leaved forcing lettuce; does well in the Northwest for early planting outdoors. Leaves short, spatulate in shape, excessively crumpled, and the border heavily fringed; color very light green, with no trace of brown. A most handsome and attractive lettuce.

304 May King—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid. A handsome, extremely early, compact heading variety; leaves light yellowish green, tinged reddish brown, while the heart blanches a rich golden yellow.

305 Tennis Ball—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid. A very reliable, adaptable, sure heading sort; heads globular, firm and well blanched; leaves broad and much crumpled; color light green and never spotted brown; finest quality; very suitable for late sowing.

306 Way-a-head—Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.00, postpaid. A very early, handsome, sure heading variety; the outer leaves are light green and crumpled; the inner head blanches a rich buttery-yellow; of superior quality.

307 White Paris Cos—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25, postpaid. Smooth, long, narrow, upright leaves and blanches nicely when tied up; color dark green; quality fine; self folding.

Musk Melon We pride ourselves that our strains of Musk Melon are the very finest possible. The selection we offer contains the very best of the Early, Medium and Main Crop Varieties.

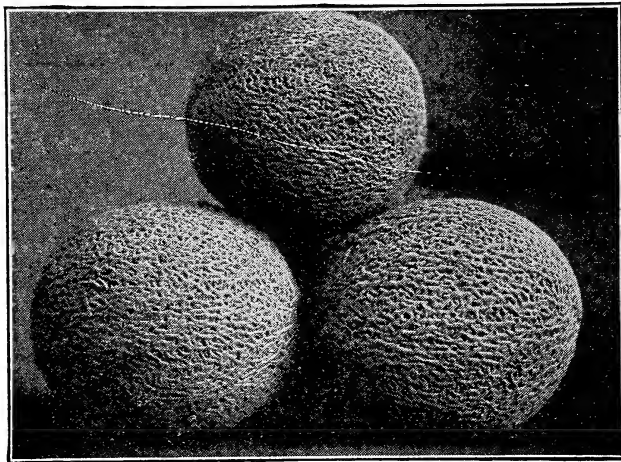
319 Emerald Gem—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid. A choice variety, the fruits being deep emerald green in color; globular or slightly flattened shape; distinctly ribbed and lightly netted; the flesh being unusually thick, sweet and of a deep, rich salmon color; the seed cavity being very small. This is an excellent variety for home use and for the local market, but we do not recommend as a shipping variety.

320 Extra Early Knight—Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75, postpaid. An extremely early medium sized melon; the fruits being oblong; distinctly ribbed and closely netted; the flesh being fairly thick and very sweet; the color medium green blending to light pink. One of the best melons for the Northwest, and an excellent shipper.

321 Honey Dew—Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 75c; lb. \$2.25, postpaid. This comparatively new variety is rapidly gaining in popularity and bids fair to become one of the most generally grown sorts. The fruits are large, oval shape, generally about 10 inches long and 8 inches in diameter; surface is smooth and hard without ribbing or netting; creamy white in color; the flesh being a light emerald green, very thick and ripening right to the rind. The quality of this melon leaves nothing to be desired. It keeps well and is an excellent shipping sort.

Please order
by number
and price
only.

Musk Melon Continued.



Montreal Nutmeg.

Water Melon Like **Musk Melon**, we exercise the greatest care to insure that our stocks will be of the very finest possible quality.

330 Citron, Colorado Preserving—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. A decided improvement on the old Preserving Citron; seeds are green; the shape of the fruit is roundish oblong; very early; hardy and productive.

331 Citron, Red Seeded—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. In many respects this is similar in quality and productiveness to the Green Seeded Variety. We find, however, that some growers prefer the one, while others show a preference for the other. Our experience is that there seems to be very little difference, excepting in the color of the seed. For the purpose of suiting all tastes, however, we carry both types.



Enjoying Their Water Melon.

322 Jenny Lind—Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75, postpaid. An old favorite unusually early, small, green fleshed; the fruit is round, flattened at ends, ribbed and netted. For an early variety the flesh is very attractive in flavor and quality.

323 Montreal Green Nutmeg—Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75, postpaid. This variety is possibly famed more than anything else for the unusual size to which it can be grown; fruits weighing 18 to 20 pounds, being quite common. The fruits are round, flattened at both ends; medium green color, ribbed and netted; the flesh is remarkably thick and of superior quality.

324 Petoskey or Paul Rose—Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75, postpaid. Oblong in shape; color deep green, slightly ribbed, netted, thick flesh; of a deep salmon color, excellent quality; grows to a popular size for market use and is an excellent shipper.

332 Cole's Early—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. One of the earliest very hardy of medium size, nearly round, rind dark green, striped a lighter shade; flesh deep pink and excellent in quality.

333 Peerless or Ice Cream—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. Very early, of medium size, and one of the best for the Northwest, short, oblong in form; rind thin light green, mottled and finely veined with a darker shade; flesh bright scarlet and very sweet.

334 Round Light Icing—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. This variety, while not as early as Cole's Early, is sufficiently early to insure its ripening in any state in the Northwest or even in Canada. It grows to a fair size, is nearly round; the flesh is a beautiful bright red, while the rind is a very light green; the quality is excellent.

335 Tom Watson—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00, postpaid. In our opinion this is the best shipping melon on the market, and second to none as a Main Crop Variety; produces large size fruits; color a medium green; flesh a rich red and of excellent quality. We recommend our strain of this variety as being second to none, and suggest that this be used as the Main Crop sort.

*A garden is a beautiful
book, writ by the fingers
of God every flower and
every leaf is a letter.*

Enjoy life in nature's way, plant a garden.

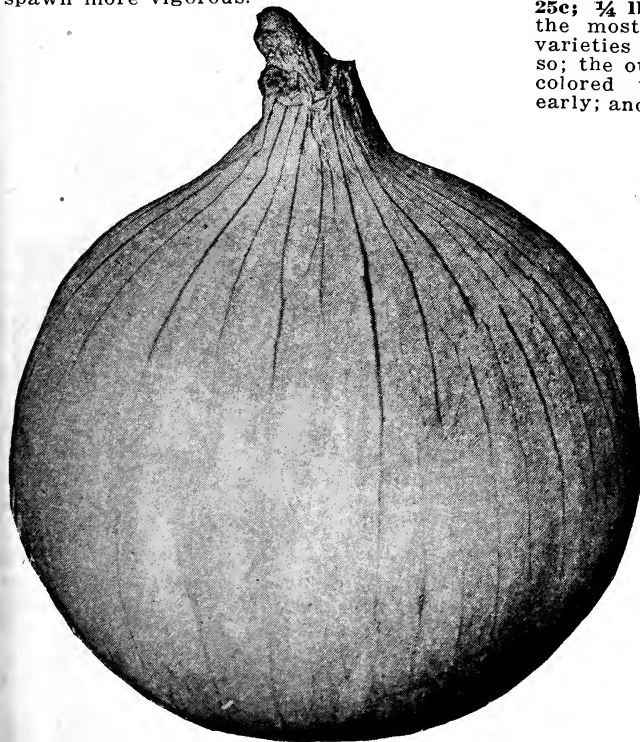


Mustard A most delicious and pungent Salad; best used in conjunction with Curled Cress.

350 Finest White—Pkt. 5c; oz. 15c; ¼ lb. 30c; 1b. 75c, postpaid. Very pungent and appetizing Salad.

Mushroom Spawn ^{M u s h}rooms are not so difficult to grow as many people imagine, and as they represent such a real table delicacy, we anticipate their being grown much more extensively. A simple plan is to break up a brick in pieces the size of a Pigeon's egg and put under the sod here and there in the pasture. You will be surprised at the results. Cultural instructions supplied with every order.

355 Lambert's Pure Culture—40c a brick, postpaid. By express; brick 30c; 5 bricks, \$1.35; 10 bricks, \$2.50; 25 bricks, \$4.75. Recent trials have shown this spawn to give much better results than the English stock, no doubt owing to its being fresher and the spawn more vigorous.



Danvers Yellow Globe.

Pickling Varieties

382 White Barletta—Pkt. 10c; oz. 40c; ¼ lb. \$1.50; 1b. \$4.00, postpaid. Bulb small, beautiful white color, flat on top and conical at the bottom. Extremely early and a most valuable pickling sort.

383 Silverskin—Pkt. 10c; oz. 30c; ¼ lb. 90c; 1b. \$2.50, postpaid. This variety is most adaptable. If sown thickly will form small white bulbs suitable for pickling, or if thinned out will produce large shaped bulbs of excellent keeping quality. It is also used for the production of White Dutch Sets.

Onion The onion is one of the most important crops in the Northwest, so far as vegetables are concerned; it is also one of the most healthful vegetables eaten either raw or cooked.

There is a vast difference in the quality of different stocks of Onion Seed. Our Onion Seeds are all grown from choice selected bulbs and can be depended upon to give the best results.

360 Prizetaker—Pkt. 10c; oz. 25c; ¼ lb. 75c; 1b. \$2.50, postpaid. One of the largest onions grown and the mildest, a sure cropper, globe shaped, color light straw, highly recommended.

361 Australian Brown—Pkt. 10c; oz. 25c; ¼ lb. 75c; 1b. \$2.50, postpaid. Noted for its keeping qualities and productiveness; the color is quite distinct; very early, semi globe shaped; should be given a trial in every northwestern garden.

362 Danver's Yellow Globe—Pkt. 10c; oz. 25c; ¼ lb. 75c; 1b. \$2.25, postpaid. One of the most popular and extensively grown varieties in the Northwest and deservedly so; the outer skin is reddish brown, lemon colored underneath; medium size; very early; and a good keeper.

363 Large Red Wethersfield—Pkt. 10c; oz. 25c; ¼ lb. 75c; 1b. \$2.25, postpaid. Probably the oldest and best known type of onion. A fine large, handsome, variety, with bright red colored somewhat flattened bulbs and purplish white flesh. Very productive and a good keeper.

364 Southport Red Globe—Pkt. 10c; oz. 35c; ¼ lb. \$1.00; 1b. \$3.00, postpaid. The finest type of red onion in cultivation; perfect globe shaped with a small neck; excellent keeper; color a deep purplish red. Our strain of this variety is particularly good.

365 Strassburg—Pkt. 10c; oz. 25c; ¼ lb. \$75c; 1b. \$2.25, postpaid. The most popular variety for growing Yellow Dutch Onion Sets. The sets from this variety are uniformly round, plump, and a bright yellow color. Full grown onions are bright yellow, somewhat flattened in shape; the flesh is white and mild.

380 Southport Yellow Globe—Pkt. 10c; oz. 25c; ¼ lb. 75c; 1b. \$2.50, postpaid. A beautiful globe shaped onion, color deep golden yellow, small neck and heavy thick skin, flesh white, crisp and mild in flavor, excellent shipping sort.

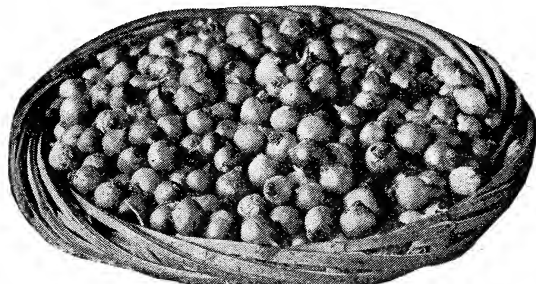
381 Southport White Globe—Pkt. 10c; oz. 35c; ¼ lb. \$1.25; 1b. \$3.50, postpaid. Globe shaped, skin of purest paper white, flesh very crisp fine grained and snowy white in color, exceedingly mild.

Onions are a splendid nerve tonic.



Onion Sets

Onion Sets—The small onion sets for the production of onions, are very popular in the Northwest, as they can be



used or sold earlier as a rule, which is an important feature. In buying Sets, care should be exercised to see that they are in good planting condition. In the very nature of things the production of

Sets is an interference with nature and the natural growth of the onion, and in consequence they require special care and attention to ensure that they will be kept in good condition, ready to grow and mature quickly when planted. Sets sold throughout the country in very many instances are given no attention whatever, and in consequence cannot be expected to produce the maximum crop.

(Postpaid)
1-lb. 2-lb. 4-lb.

390 Yellow Dutch Onion sets	25c	45c	85c
391 White Dutch Onion Sets	35c	65c	\$1.25
392 Red Dutch Onion Sets	30c	50c	\$1.10
393 Yellow Multiplier Onion Sets	25c	45c	85c
394 Garlic Sets	45c	80c	\$1.60

Write for prices on larger quantities.

Parsley

Very useful for flavoring soups and for garnishing.

400 Champion Moss Curled—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 80c, postpaid. A compact growing, densely curled variety; of a dark green color very popular for garnishing.

401 Hamburg or Turnip Rooted—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. The edible roots of this variety resemble a small, thick, parsnip, both in shape and color; much used for flavoring soups and stews.

Parsnip

A valuable and nutritious vegetable for table use; also excellent for stock feeding.

410 Hollow Crown—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 80c, postpaid. Long, smooth root, of good quality; heavy cropper.

411 Large Guernsey—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 80c, postpaid. Shorter and thicker in the root than "Hollow Crown;" an excellent market gardener's variety.

Peanuts

Contrary to the opinion expressed by many, peanuts can be successfully grown in the Northern States. The main thing is to sow seed of a hardy type which has been northern grown, and consequently acclimatized.

460 Early Sweet—Pkt. 10c; lb. 45c, postpaid. We believe this to be without exception the best variety to sow in the Northern States; it stands both heat and drought admirably and is the earliest variety to ripen. The nuts are deliciously sweet. Can be grown in any light, sandy soil where potatoes succeed well.

Pepper

Splendid for seasoning and for making chow chow and Chili sauce.

465 Large Bell or Bull Nose—Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$4.50, postpaid. This first early variety is very popular in the Northwest, being well adapted for pickling purposes; the scarlet fruits are 2 inches in diameter, 3 inches long, blunt at the end, while the flavor is mild and sweet.

466 Long Red Cayenne—Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$4.50, postpaid. A very popular variety; the fruits average 4 inches long and $\frac{3}{4}$ inches in diameter; they usually grow in a peculiar curved and twisted manner; are a bright red color. The name is rather apt as they are unusually hot and pungent.

467 Neapolitan—Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.80; lb. \$7.00, postpaid. The earliest and most productive large variety and one of the sweetest. Fruit bright red; 4 inches long and 2 inches thick.

468 Red Cherry—Pkt. 10c; oz. 80c; $\frac{1}{4}$ lb. \$2.40; lb. \$8.00, postpaid. Fruits small, round or cherry-shaped; rich scarlet and very hot.



Hollow Crown Parsnip.

Our Onion Sets are splendid quality.



Peas Peas are an ever increasing and more important crop in the Northwest. Our stocks have been selected with the greatest care. The varieties are such as will succeed well, and the quality is of the very best. By a judicious use of **Early, Second Early and Main Crop Varieties**, a succession throughout the whole season can be maintained.

Early Varieties.

420 Gradus Improved—Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. By express, 10 lbs. or more, at 27c per lb. Quite as early as the old type of Gradus or Prosperity, but a much heavier and more certain cropper. Growers, who have grown the old type will remember its unfortunate habit of throwing small pods. This has been entirely eliminated from the new type. Height 3 feet.

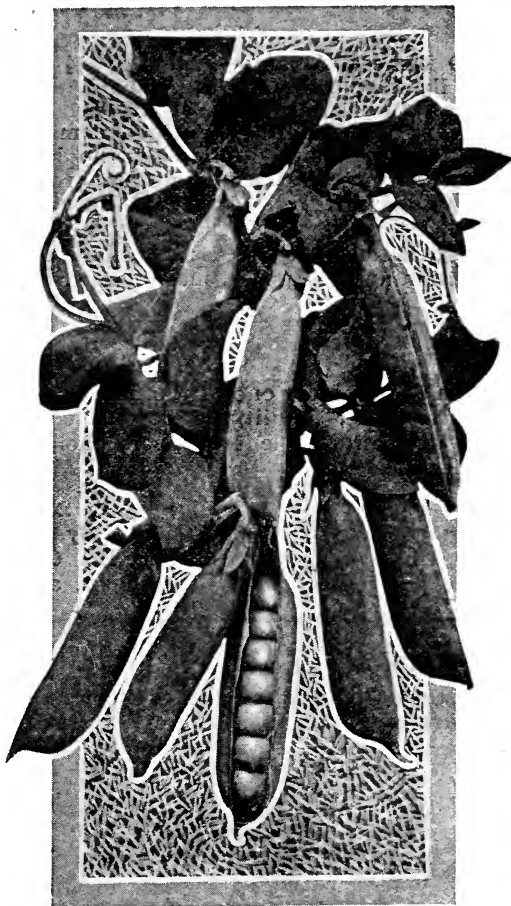
421 American Wonder—Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. By express, 10 lbs. or more, at 27c per lb. Probably the most popular early Pea on this continent. The foliage is a dark color, while the pods, which are borne in great profusion, are lighter in color, small size, square ended; heavy cropper; height 1 foot.

422 Little Gem—Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. By express, 10 lbs. or more, at 27c per lb. Just a trifle later and a few inches taller than the foregoing. If sown at the same time, will maintain a succession. Height $1\frac{1}{2}$ feet.

423 Little Marvel—Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 50c; 5 lbs. \$2.00, postpaid. By express, 10 lbs. or more, at 30c per lb. An extra fine dwarf, sweet flavored Pea. Foliage and pods very dark green; pods 3 inches long, nearly round, and square ended; very productive; height 14 inches.

424 Notts Excelsior—Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. By express, 10 lbs. or more, at 27c per lb. A very early dwarf growing variety, of branching habit. The pods are small, blunt ended, while the peas are of a delicious flavor. A heavy cropper. Height $1\frac{1}{2}$ feet.

426 Richard Seddon—Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 50c; 5 lbs. \$2.00, postpaid. By express, 10 lbs. or more, at 30c per lb. A dwarf growing, productive variety, of excellent quality. Height 15 inches.



American Wonder.

Second Early Varieties.

440 Daisy—Pkt. 10c; $\frac{1}{2}$ lb. 35c; lb. 55c; 5 lbs. \$2.50, postpaid. By express, 10 lbs. or more, at 35c per lb. May be best described as an early Stratagem; fairly productive and of excellent quality. Height 2 feet.

442 Thomas Laxton—Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. By express, 10 lbs. or more, at 27c per lb. An excellent Second Early, coming into use almost immediately after "Gradus" and much more productive than this excellent variety. For this reason it is very popular with market growers. The height is $2\frac{1}{2}$ feet. The haulms are moderately stout; medium green in color; the pods are usually between 3 and 4 inches long; straight; nearly round and square ended; the peas are a beautiful dark green color, of excellent quality.

We are not satisfied unless you are.



Peas—Main Crop Varieties

449 Duke of Albany—Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. By express, 10 lbs., or more, at 27c per lb. The earliest Main Crop Variety, coming into use immediately following the last of the Second Earlies; vigorous growing and unusually productive; the pods are a beautiful dark green, nearly 5 inches long, broad and pointed; excellent for exhibition and a splendid market sort.

450 Rentpayer—Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 50c; 5 lbs. \$2.25, postpaid. By express, 10 lbs., or more, at 35c per lb. This is undoubtedly one of the finest peas in cultivation; quality is beyond compare, and an excellent cropper; height 2 $\frac{1}{2}$ feet.

451 Stratagem—Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. By express, 10 lbs. or more, at 27c per lb. One of the best known Main Crop Peas, and

the most popular in the Northwest. Vines are stout, of a dark green color; pods usually 4 $\frac{1}{2}$ inches long; slightly curved; pointed and dark green; containing 8 to 9 large sized peas.

452 Telephone—Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.75, postpaid. By express, 10 lbs. or more, at 27c per lb. An old favorite, popular in Great Britain for many years; grows to a height of 4 feet and produces a great wealth of podded peas, which are borne on strong haulms. To obtain the maximum results, they should be roddeed or brushed with rods not less than from 5 to 6 feet high. If this is carefully attended to, the plants will bear excellent pods for quite a long period. The pods average 4 $\frac{1}{2}$ inches long, are straight, broad and pointed, usually containing 8 large light green peas of delicious flavor.

Pumpkin

Always in demand for pies; easily grown. Our stocks of pumpkin, like everything else, are especially selected for the Northwest.



Early Sugar Pumpkin.

480 Early Sugar—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid. Fruits small, round, flattened at the ends and slightly ribbed; skin and flesh deep orange yellow; flesh very thick and of good quality.

481 Japanese Pie—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.50, postpaid. Grows to a large size; skin deep green with dark stripes; flesh deep yellow and of high quality; the seeds are sculptured like Chinese letters.

482 King of the Mammoths—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid. This well known variety is without doubt the giant among pumpkins; specimens having been grown weighing as high as 250 pounds and measuring 2 feet or even more in diameter; the fruits are round and flattened, slightly ribbed, while the skin is a salmon-orange; the flesh being bright yellow and very thick. Useful alike for pies or stock feeding. An excellent keeper.

483 Large Cheese or Kentucky Field—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25, postpaid. Large, round, flattened fruits, much ribbed and creamy buff in color; flesh yellow and very deep; of fine quality and one of the best canning sorts.

484 Connecticut Field—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25, postpaid. The most popular variety for planting in corn for stock feeding and also for making pies, fruit oblong flattened at the ends, smooth hard, reddish orange skin, with orange yellow flesh.

All Vegetable and Flower Seeds prepaid unless otherwise stated.



Radish Welcome at every meal, and being so easily grown, there is no excuse for their absence. Our radish will please you.

TURNIP OR ROUND SHAPED VARIETIES.

491 Rosy Gem—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. Deep scarlet on the top, blending into white at the bottom. A very fine sort either for forcing or open ground culture.

492 Scarlet Globe—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. A bright red variety, with firm, crisp, tender flesh; grows to a large size without becoming pithy.

493 Scarlet Turnip White Tipped—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. Extra early forcing variety, valuable also for ordinary outdoor use.

494 Non Plus Ultra—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. Very early, bright scarlet, with short top; useful for forcing; crisp and tender. None better to be had no matter what price you pay.

495 White Globe—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. A beautiful, round shaped, white skinned variety; very tender and crisp.

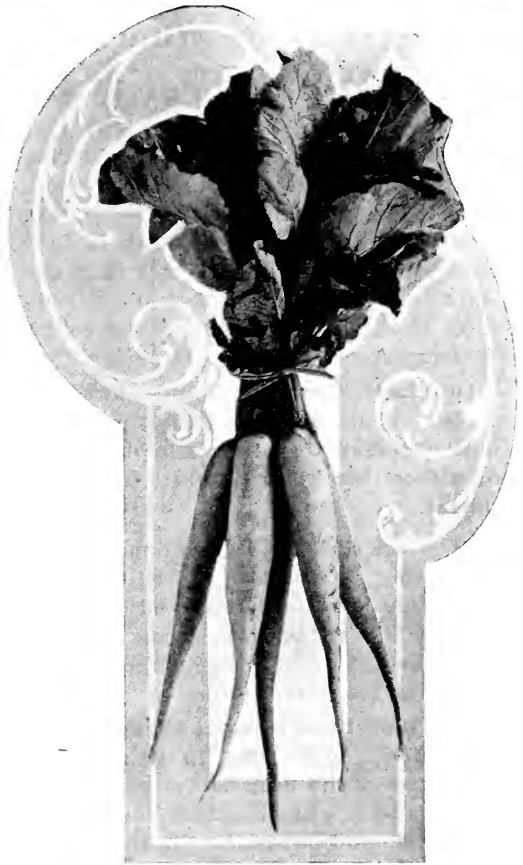
496 Turnip Varieties—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. For home use, sowing in mixture is very desirable, and recommended, as it enables one to have a varied selection at small cost and in a small space.

OLIVE, OR OVAL SHAPED.

497 French Breakfast—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. The most popular variety of radish in North-western States; oblong in form, small and quick growing; color bright rose scarlet, with small white tip; useful alike for forcing or outdoors.

498 Early Scarlet Olive Shaped—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. Very early, bright scarlet; flesh white and crisp. Excellent for forcing or outdoor culture.

499 Early White Olive-Shaped—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. Handsome, small, white, quick growing variety; flavor mild, crisp and tender.



White Icicle Radish.

LONG SHAPED VARIETIES.

500 Chartier—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. A very handsome variety; roots 7 to 8 inches long, and rather thick; deep scarlet at the top, shading off to pure white at the tip.

501 Icicle—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. The leading long white radish and one of the earliest; beautiful quality, and remains fit for use a long time.

502 Woods Early Frame—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00, postpaid. A handsome, long shaped variety; very early; crisp and tender until full grown; beautiful scarlet color, tipped white.

503 Disco Mixture—Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$90c, postpaid. A mixture of all summer varieties for home use; the selection is A-1.

Order by number only; this will save you a lot of writing.

Radish, Continued Fall or Winter Varieties.

This type of radish is not grown as extensively as it ought to be, considering its excellence. The foreign born non-English speaking settlers seem to have appreciated its usefulness. Sown in June or July, they will grow 6 inches long and 2 inches in diameter, and will keep all winter if stored in sand in a cool cellar, free from frost. Try it this spring.

510 Black Spanish, Round—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid. Roots round, 3 to 4 inches in diameter; skin almost black; flesh white, crisp and pungent.

511 Black Spanish, Long Shaped—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid. One of the latest and hardiest varieties for winter use, roots 8 to 9 inches long, 2 to 3 inches in diameter, and nearly black in color.

512 China Rose (Scarlet China)—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid. One of the best winter sorts; skin smooth, and bright deep rose color; flesh white, crisp and pungent; the roots grow 4 to 5 inches long and 2 inches thick.

Rhubarb or Pie Plant.

521 Victoria—Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50, postpaid. Well known standard variety. Good for general use.

Salsify or Vegetable Oyster

525 Mammoth Sandwich Island—Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00, postpaid. Cultivated for the sake of its yellowish white roots which are stored for use as a winter vegetable. The leaves of this new variety may be used as a salad.

Instead of giving cultural directions in this Catalog we have printed a Special Leaflet, containing much useful information, which accompanies every order for seeds. In addition we gladly mail any of the Free Booklets to customers.

Spinach Very easily grown, and will give a plentiful supply of tasty, healthful greens throughout the season.

535 Bloomsdale or Savoy—Pkt. 5c; oz. 15c; ¼ lb. 25c; lb. 60c, postpaid. Very early and hardy and one of the best for market and canning; plant of upright growth, Petiole (Stem) 3 inches long; leaves medium size; color glossy green.

536 Long Standing, Round Seeded—Pkt. 5c; oz. 15c; ¼ lb. 25c; lb. 60c, postpaid. Slower growing than Bloomsdale, but stands much longer before running to seed; leaves very large and of good substance.

540 New Zealand—Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.50, postpaid. Entirely distinct from the true Spinach; plant tall and spreading, with numerous side shoots; leaves medium green, rather small and pointed; grows well in hot weather and under adverse conditions.

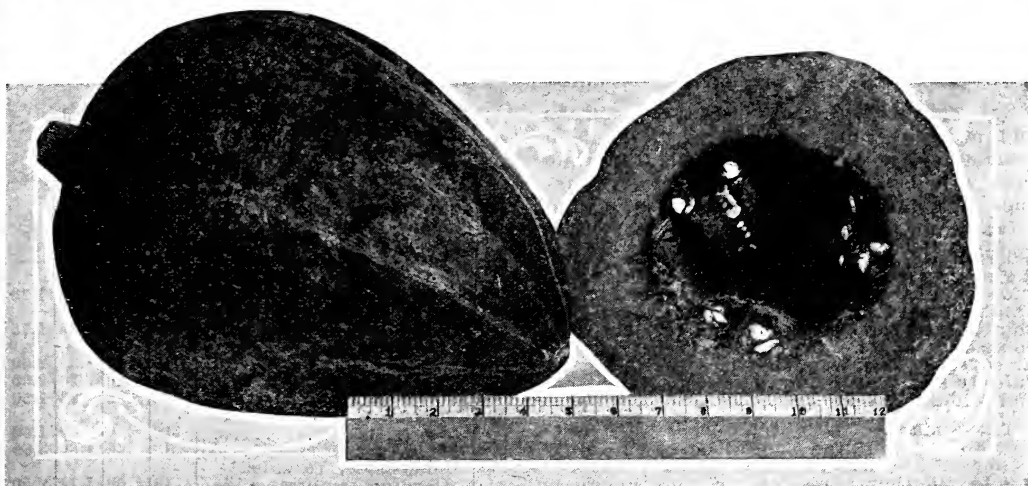
For Spinach Beet or Swiss Chard, see page 18.

Squash The Squash is one of the most nutritious and valuable of garden vegetables. The summer varieties come to the table early in the season, while the fall and winter varieties from August till spring.

550 Extra Early Orange Marrow—Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50, postpaid. The earliest of the Marrow Squashes and of fair size; color orange red; very prolific; a good keeper, and of highest quality.

551 Giant Summer Crookneck—Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.75, postpaid. The largest and one of the earliest summer varieties; fruits often 2 feet long; very warty; and deep orange in color.

552 Golden Hubbard—Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.75, postpaid. Quite like the old Hubbard in form and habit, but decidedly earlier; the shell is moderately warted, hard, strong and of rich orange red color; flesh deep orange, dry and of best quality.



Improved Hubbard

Squash Continued.

553 Improved Hubbard—Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75, postpaid. The standard Winter Squash; fruits large, heavy and moderately warted; shell dark bronze green; flesh bright orange yellow; fine grained, thick and dry.

554 Warted Hubbard—Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75, postpaid. This variety of the Hubbard is a great favorite with the market men. It is very striking in appearance, the warty knobs draw general attention. Grows to nearly double the size of the common Hubbard.

555 Early White Bush Scallop—Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50, postpaid. Very early summer; fruit flattened and scalloped, comparatively smooth on the surface and creamy white color.

556 Vegetable Marrow, Long White Bush—Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00, postpaid. The well known Long White English Vegetable Marrow; the fruits are smaller than the trailing variety, but the plants take up much less space and can be planted closer.

557 Vegetable Marrow, Long White Trailing—Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00, postpaid. Fruits larger and a more abundant cropper.

Strawberry

The raising of Strawberry Plants from seed is very simple; they are easily grown. Sow the seed thinly, in a small box or seed pan, cover very slightly and press down firmly. Water by dipping in a bucket or other vessel so as not to disturb the seed. Thin out as soon as young plants are fit to handle.

570 Large Fruited Perpetual Saint Fiacre—Pkt. 15c, postpaid. Fruit oblong or heart-shaped, large size; of a good red color; flesh salmon pink; very juicy, slightly acid, of excellent flavor.

Our seeds succeed everywhere.

Tomato

A most popular and wholesome vegetable; can be easily grown if attention is paid to cultural instructions, supplied free with every order.

581 Bonnie Best—Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00, postpaid. A very early variety; fruits medium size; good market sort; free from hard core.

582 Crimson Cushion—Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00, postpaid. The largest of the bright red colored tomatoes; heavy cropper; of excellent quality.

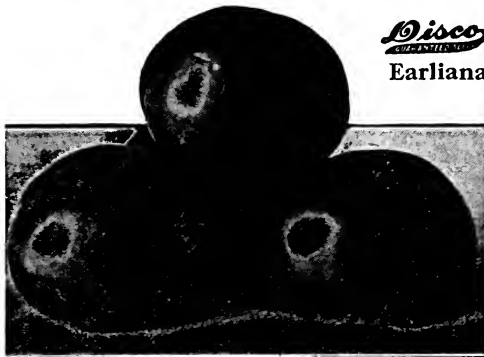
583 DISCO Earliana—Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00, postpaid. Our strain of this excellent variety is second to none and is, we believe, the earliest and best tomato in cultivation; unusually productive for an early sort; the fruits are of a medium size, round, very smooth and solid; the quality is a bright scarlet; the flesh is of excellent quality and has, by careful selection, been developed so as to be as free as possible from seeds.

584 Golden Queen—Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00, postpaid. Beautiful golden yellow color; ripens early; produces a large, smooth, solid fruit; very attractive and admirable for mixing with the Red variety for salads.

585 John Baer—Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00, postpaid. Our stock of this excellent variety is of very uniform type; early, productive and of excellent quality. Splendid variety for shipping.

For small fruited varieties of Tomatoes see page 32.

Disco
Earliana



Tree Seeds

Surround your house with trees, shrubs and a hedge here and there, plant them judiciously, not too close, so that in time they will darken the house and be a nuisance, but close enough to afford shelter and privacy and make your place more homelike.

The most economical and in the long run the most successful method of raising trees and shrubs, whether for hedges, wind breaks or as ornamental trees around the home, is to raise them from seed, right at your own home. The list offered by us is a careful selection, easily raised, grow quickly and well adapted for the Northwest and Middle West States.

Those marked with an asterisk * are suitable for hedges and should be sown thinly either in 2 or 3 rows 9 inches apart, according to whether a narrow or wide hedge is desired, just where you want the hedge, the ground having been previously well prepared, no transplanting or thinning will be required. If clipped carefully when about 12 inches high, this will encourage branching and so ensure a close growing, nice appearing hedge. **Caragana** makes the best hedge.

Trees for transplanting should be sown in drills 12 inches apart and the young trees transplanted as soon as large enough to handle, lift carefully so as to disturb the roots as little as possible.

Tomato SMALL FRUITED VARIETIES. See also Page 31.

590 Pear Shaped Red—Pkt. 10c; oz. 60c; ¼ lb. \$1.80, postpaid. Useful for preserves. Fruits distinctly pear-shaped, beautiful bright red color.

591 Pear Shaped Yellow—Pkt. 10c; oz. 60c; ¼ lb. \$1.80, postpaid. Similar to the Red Variety, with exception color.

592 Red Cherry—Pkt. 10c; oz. 60c; ¼ lb. \$1.80, postpaid. Fruits very small, about the size of a large cherry; smooth and round; for preserves.

593 Strawberry (Ground Cherry or Husk)—Pkt. 10c; oz. 60c; ¼ lb. \$1.80, postpaid. The true Golden Husk Tomato; esteemed for preserves.

594 Yellow Plum—Pkt. 10c; oz. 60c; ¼ lb. \$1.80, postpaid. A small yellow fruited variety, resembling a plum in size and form.

Turnip

If grown quickly and used as soon as ready, before they become stringy, the small garden turnips are a delightful vegetable. For late use, DISCO Garden Swede is more desirable.

610 Purple Top Strap Leaved—Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. \$75c, postpaid. A very early productive variety. Roots are flat shaped, medium size, purple or dark red above ground, white below; flesh is white, exceedingly tender and fine grained. The most widely cultivated and best known variety on the American continent.

611 Purple Top White Globe—Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. 75c, postpaid. Very similar to the above in every particular, excepting in shape, being a perfect globe shape, whereas the other variety is somewhat flat. A very superior sort and we highly recommend it.

Tree, Ornamental Shrub and Fruit Seeds.

	It is intensely interesting to watch trees growing which you have raised from seed.	Postpaid			
		Pkt.	Oz.	¼ lb.	½ lb.
800	Ash, Green (<i>Fraxinus veridus</i>)	.10	.30	.75	1.20
801	Ash, White (<i>Fraxinus Americana</i>)	.10	.30	.95	1.75
802	Ash, Mountain (<i>Sorbus Americana</i>)	.10	.40	1.35	2.50
803	Birch White (<i>Betula alba</i>)	.10	.40	1.20	2.00
804	*Caragana (<i>Siberian pea tree</i>)	.10	.30	.90	1.50
805	Cottonwood (<i>Populus deltoides</i>)	.10	.30	.90	1.50
806	*Fir Balsam (<i>Abies Balsamea</i>)	.15	.50	1.60	3.00
807	*Honeysuckle, Tartarian (<i>Lonicera tartarica</i>)	.10	.60	1.75	2.50
808	Larch or Tamarack (<i>Larix laricina</i>)	.25	1.00	.....	.....
809	*Lilac (<i>Syringa vulgaris</i>)	.10	.35	.90	1.60
810	Maple, Soft (<i>Acer Negundo</i>)	.10	.20	.45	.80
811	*Maple, Ginnalian (<i>Acer tataricum</i>)	.10	.50	1.25	3.00
812	Olive, Russian (<i>Eloeaganus angustifolia</i>)	.10	.40	1.35	2.50
813	Pine, Scotch (<i>Pinus sylvestris</i>)	.10	.50	1.80	3.25
814	*Plum, Native (<i>Prunus niger</i>)	.10	.30	1.00	1.75
815	Spruce, Black (<i>Picea nigra</i>)	.25	.75	2.75	5.00
816	Spruce, Norway (<i>Picea excelsa</i>)	.10	.50	1.80	3.25
817	Spruce, White (<i>Picea alba</i>)	.20	.75	2.50	5.00

Swede or Rutabaga

614 DISCO Special Garden or Table Swede—Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 85c, postpaid. Recommended for garden purposes, being very compact in top, with small, clean, neat, well shaped roots, thick skin and sweet tender flesh.

Herbs Pot Sweet and Medicinal, each per pkt. 10c.

630 Anise. Used as a condiment for flavoring.

635 Balm. An old fashioned seasoning.

636 Basil Bush. In demand for flavoring.

637 Basil Sweet. Very aromatic for flavoring.

638 Borage. A beekeeper's plant.

639 Caraway. The seeds are used for flavoring.

640 Catnip. Grown for bee pasture; also seasoning.

641 Coriander. The seeds are used for flavoring.

642 Dill. For flavoring pickles.

643 Fennel. For garnishing and flavoring sauces.

650 Horehound. Very useful for coughs.

651 Hyssop. Great medicinal value.

655 Lavender. Very fragrant perfume.

660 Marjoram Sweet. For seasoning.

670 Rosemary. Leaves very fragrant.

671 Rue. Used medicinally.

680 Sage. Most useful aromatic herb.

681 Savory Summer. Useful aromatic herb.

690 Thyme. Useful aromatic herb.

695 Wormwood. Good poultry medicine.

Grown under conditions which promote hardiness.

Sweet Peas We have long been enthusiastic for this delightful and ever popular hardy annual and have had the privilege and pleasure of meeting in our visits to trial grounds some of the foremost growers on both sides of the Atlantic. The selections we are offering comprise some of the very newest varieties and also the very best of the Standard Sorts. If you have ambitions as an exhibitor the selection here will enable you to compete successfully anywhere. We want to help you grow the very best. Our advice is freely at your service. Write us at any time.

Disco Giant or Butterfly Spencers

Select List, Large Packet 10c each.

2010 Barbara—Large salmon orange self.

2021 Cherub—Rich cream edged rose.

2022 Constance Hinton—A black seeded White Spencer of enormous size and fine Spencer form.

2030 Dainty Spencer—Large white edged with clear rose pink.

2031 Dobbies Cream—The best primrose self, grand color.

2032 Don Alvar—Large light lavender, pleasing color.

2040 Elfrida Pearson—Large shell pink, a leader in its class.

2051 Fiery Cross—Bright red orange cerise, very beautiful.

2060 George Herbert—Bright rosy carmine of large size.

2070 Helen Pierce—White mottled and marbled bright blue.

2071 Hercules—Mammoth rosy pink, fine form and color.

2080 Illuminator—A glorious orange salmon, overlaid with cerise pink.

2100 King Edward—Rich crimson self, vigorous grower.

2101 King Manoel—Giant chocolate maroon self.

2102 King White—A superb white, the best for the Northwest.

2110 Lord Nelson—Dark blue, very distinct.

2120 Margaret Atlee—Apricot pink on cream ground.

2121 Mrs. Cuthbertson—Pink and white bicolor, best of its class.

2123 Mrs. Hardcastle Sykes—Delicate blush pink, a great favorite.

2130 New Margaret Madison—True lavender, a very dainty flower.

2131 New Miriam Beaver—Soft shell salmon pink on cream ground.

2140 Orchid—Lavender suffused pink.

2160 Rosabelle—Bright rose, one of the very best, fine form.

2171 Royal Purple—The very best purple variety, aptly named.

2180 Senator—Claret and chocolate stripe on light heliotrope.

2191 The President—Dazzling orange scarlet, fine flower.

2200 Vermilion Brilliant—Fine large scarlet, the best of its class.

2210 Warrior—Rich chocolate and maroon, a fine type.

2211 Wedgewood—Clear; azure blue, with mauve tint.

For the convenience of our customers who desire to grow Sweet Peas for Hospital work or for marketing or mailing to friends, we offer the following Unwin varieties which have more substance than the Spencers and travel infinitely better.

2053 Frank Dolby—Pinkish mauve and lavender, fine substance.

2061 Gladys Unwin—Clear bright light pink, free flowering.

2132—Norah Unwin—Pure white, splendid market variety.

2220 DISCO Spencer or Butterfly Mixture—Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 95c;. A beautiful blend of 75 varieties of Spencers including many of the newer varieties. The choicest mixture to be had.

2225 DISCO Grandiflora Mixture—Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c. A splendid assortment of the finest colors, blended so as to harmonize and insure a fair proportion of all colors.

NEW EARLY FLOWERING LONG SEASON SPENCERS.

We have pleasure in offering a choice selection of this new race of Spencers, which we believe are destined to still further enhance the popularity of this flower, which inspired the late Rev. W. T. Hutchins to give to the world the following beautiful simile:

"The Sweet Pea has a Keel that was meant

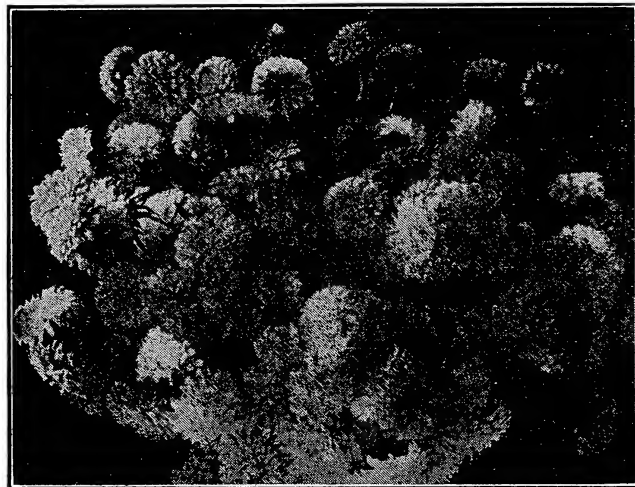
To reach all shores, it has wings that were meant

To fly across all continents. It has a standard

Which is friendly to all nations, and it has a fragrance like the universal gospel."

2295 Early Choice Mixed—Beautiful Colors. 10c pkt.

Our hardy, quick growing Sweet Peas will please you.



Asters.

Showy Annuals For Beds And Borders

Easily raised from seed.

Those marked "H. H. A." signify Half Hardy Annuals, are best sown in pots or boxes indoors and transplanted to their flowering quarters when the weather is favorable. Those marked "H. A.," Hardy Annuals, may be treated in the same manner but may also be sown right out of doors. If sown lightly and the plants thinned out after they have germinated, they will give excellent results.

We recommend our customers to write to U. S. Dept. of Agriculture, Washington, for a copy of Farmers' Bulletin No. 195.

Catalog Number.	Generic and Specific Name.	Class.	Height In Inches.	Price.	Remarks.
2500	<i>Abronia umbellata</i> , lilac fragrant....	H. H. A.	3	.10	Sand verberna, grows well in dry-conditions.
2506	<i>Ageratum</i> , Imperial Dwarf Blue....	H. H. A.	6	}.10	Fine bedding plants, blooming till late in fall. Valuable for edgings.
2507	" Imperial Dwarf White....	H. H. A.	6		
2512	<i>Alyssum</i> Benthami Sweet Alyssum....	H. A.	4		
2513	" Benthami Compactum....	H. A.	4		
2515	<i>Amaranthus caudatus</i>	H. A.	24	.10	Love-lies-bleeding, red.
2531	<i>Aster</i> , Comet, Mixed	H. H. A.	18	}.10	Our selection of Asters is the finest ever offered to the garden lovers of the Western States. Easily grown, provide abundance of cut flowers.
2534	" Comet, Giant Mixed.....	H. H. A.	18		
2537	" Dwarf Chrysanth., Mixed....	H. H. A.	9		
2539	" Dwarf Victoria, Mixed.....	H. H. A.	9		
2542	" <i>Sinensis</i> , Mauve.....	H. H. A.	18	}.10	Lovely single forms of the original Chinese Aster.
2543	" <i>Sinensis</i> , Mixed.....	H. H. A.	18		
2559	<i>Balsam</i> , Double Camellia-flowered..	H. A.	24	.10	A splendid pot plant.
2560	<i>Bartonia</i> , aurea, deep rich yellow..	H. A.	12	.10	Beautiful poppy like.
2565	<i>Brachycome iberidifolia</i> , blue.....	H. H. A.	6	.10	Swan River Daisy, lovely.
2568	<i>Calendula officinalis</i> fl. pl., Meteor..	H. A.	12	.10	Scotch Marigold, Double.
2569	<i>Calliopsis tinctoria</i> (bicolor).....	H. A.	24	}.10	Easily grown; succeed anywhere; showy in the flower border and provide graceful, attractive cut bloom of unique colors.
2571	" <i>tinctoria nana</i> "Golden Ray"	H. A.	12		
2574	" Mixed, Dwarf.....	H. A.	9		
2575	" Drum., Golden Wave.....	H. A.	18		
2576	<i>Candytuft</i> , Empress White	H. A.	12	}.10	One of the brightest and easily grown hardy annuals. Gives a gorgeous display through the season.
2578	" Dunnett's Dark Crimson.	H. A.	12		
2581	" Mixed extra choice.....	H. A.	12		
2592	<i>Celosia</i> , pyr., <i>Thompsoni magnifica</i> ..	H. H. A.	18	.10	Extra choice splendid variety.
2598	<i>Chrysanthemum</i> , coronarium, mixed, double	H. A.	18	.10	Splendid for cut flowers.
2600	" <i>Inodorum</i> , double white.....	H. A.	18	.10	Very showy for border.
2601	" <i>Tricolor album</i> (carinatum)..	H. A.	18	.10	White with yellow ring.
2604	" <i>Tricolor</i> Mixed.....	H. A.	18	.10	Bright and effective colors.

Beautiful your home by sowing  flower seeds.



Showy Hardy Annuals, Continued

Catalog Number.	Generic and Specific Name.	Class.	Height In Inches.	Price.	Remarks.
2611	Clarkia, elegans	H. A.	24	.10	Clarkias should be in every garden; easily grown; make a gorgeous display; do well under very dry conditions.
2612	" elegans double mixed.....	H. A.	24		
2613	" pulchella mixed.....	H. A.	24		
2614	" pulchella double mixed.....	H. A.	24		
2620	Convolvulus, Minor, Mixed.....	H. A.	12	.10	Dwarf, Morning Glory.
2623	Cosmea, bipinnata, Empress Mixed..	H. A.	42	.10	Cosmos do particularly well in the Northwest; their feathery foliage adding to their charm.
2624	" Mammoth Giant, Mixed.....	H. A.	42		
2625	" Lady Lennox.....	H. A.	42	.10	Giant Orchid flowering.
2632	Cyanus, Minor, Blue.....	H. A.	24	.10	The popular Cornflower or
2633	" Mixed.....	H. A.	24	.10	Bachelor's Button.
2662	Dimorphotheca, aurantiaca hybrida..	H. A.	15	.10	African Orange Daisy.
2678	Erysimum, Peroffskianum	H. A.	18	.10	Bright Orange. Very fragrant.
2679	Eschscholtzia, Californica	H. A.	12	.10	California Poppies do splendidly in the Northwest, scattered thinly in the border; will produce an abundance of beautiful flowers all summer.
2680	" erecta, Compacta, Rose Queen	H. A.	12		
2681	" Mandarin	H. A.	12		
2682	" Rose Cardinal	H. A.	12		
2683	" Crocea	H. A.	12		
2684	" Golden West	H. A.	12		
2685	" Mixed	H. A.	12		
2689	Gaillardia, picta, Blanket Flower...	H. A.	12	.10	Yellow and Scarlet.
2690	" Lorenziana	H. A.	12	.10	Red and Yellow.
2703	Godetia, Lady Albemarle.....	H. A.	12	.10	Nothing can equal the Godetia for quickly producing a blaze of flowers, in the open. Our selection will give a magnificent display.
2704	" Lady Satin Rose.....	H. A.	12		
2705	" Mixed Tall Varieties.....	H. A.	12		
2706	" Mixed Dwarf Varieties.....	H. A.	12		
2714	Gypsophila, elegans, alba.....	H. A.	18	.10	Sometimes known as Baby's breath.
2728	Helianthus, Californicus, double.....	H. A.	60	.10	Tall, double, Golden Yellow.
2729	" cucumerifolius Stella....	H. A.	36	.10	Miniature star-shaped single flowers.
2730	" globosus fistulosus.....	H. A.	72	.10	Lemon colored, intensely double quilled.
2731	" New Red or Gaillardia, flowered.			.10	Rich chestnut-red color.
2733	Helichrysum, mons., double mixed..	H. A.	18	.10	Very useful everlasting.
2765	Jacobaea, dwarf double mixed.....	H. A.	20	.10	Beautiful double flowers, useful for cutting.
2767	Kochia, tricophylla (Summer Cypress)	H. A.	24	.10	The Mexican Fire Bush; beautiful foliage.
2776	Larkspur, tall branching, mixed.....	H. A.	12	.10	Beautiful annuals, succeed anywhere and give a charming effect.
2777	" double, tall rocket, mixed.....	H. A.	12		
2778	" dwarf hyacinth, flowered.....	H. A.	12		
2780	Lavatera, trimestris, white.....	H. A.	36	.10	Handsome profuse flowering. Should be grown in every garden.
2781	" trimestris, red.....	H. A.	36		
2782	Limnanthes, Douglassii fragrant....	H. A.	6	.10	Beautiful perfume; early. Splendid for bees.
2784	Linaria, reticulata.....	H. A.	12	.10	Beautiful dark violet.
2786	Linum, grandiflorum rubrum.....	H. A.	18	.10	Old fashioned Scarlet Flax.
2796	Lupinus, Annual varieties, mixed....	H. A.	18	.10	Foliage and flowers make gorgeous display.
2797	Lupins, Large Blue.....	H. A.	30	.10	Lupins with their silvery foliage and sprays of pea like flowers, make a splendid background for a flower border.
2798	" Large White	H. A.	30		
2799	" Large Rose	H. A.	30		
2800	" Large Yellow	H. A.	30		
2813	Malope, grandiflora	H. A.	24	.10	Old fashioned Scarlet Mallow.
2814	Marigold, African Tall Orange.....	H. A.	24	.10	Our strains of Marigolds are exceptionally fine; will produce a large percentage of double flowers of exquisite colors, quite distinct from almost anything else you can grow in the garden.
2815	" Tall Lemon.....	H. A.	24		
2816	" French, Tall, Mixed.....	H. A.	18		
2817	" Dwarf, Mixed.....	H. A.	6		
2818	" Gold striped, selected.....	H. A.	18		
2819	" Legion of Honor.....	H. A.	6		
2821	Marvel of Peru.....	H. A.	30	.10	Easily grown, very showy.
2822	Matthiola, bicornis, (Evening scented stock)	H. A.	12	.10	Emits an exquisite perfume after sundown.

Cosmos is a very decorative flower, delightful for cutting.



Showy Hardy Annuals Continued.

Catalog Number.	Generic and Specific Name.	Class.	Height In Inches.	Price.	Remarks.
2823	<i>Matricaria</i> , eximia, double White....	H. H. A.	12	.10	Beautiful Daisy-like flowers; form nice shaped bushy plants.
2824	" nana Golden Ball, Double..	H. H. A.	12		
2827	<i>Mesembryanthemum</i> , crystallinum....	H. H. A.	3	.10	Ice Plant, easily grown; most interesting.
2828	<i>Mignonette</i> , large flowering	H. A.	12	.10	Our strains of the old fashioned Mignonette are very fine, large flowers, and deliciously scented. Goliath and Machet varieties are splendid for indoor culture in pots, as well as outdoor use.
2829	" Golden Queen	H. A.	12		
2830	" Goliath	H. A.	12		
2831	" Machet	H. A.	12		
2850	<i>Nasturtium</i> , Tom Thumb, Aurora Rosy, Apricot	H. A.	12	.10	Our selection of Nasturtiums will be found to contain a very choice assortment of colors. The dwarf varieties are splendid for edgings or borders, and the tall, for covering unsightly corners or trellises. See also Hardy Annual Climbers.
2851	" " " Emp. of India, Crimson Scarlet	H. A.	12		
2853	" " " King Theodore, dark foliage....	H. A.	12		
2854	" " " Queen, Maroon Crimson variegated leaves ..	H. A.	12		
2856	" " " Mixed, Choice Selection	H. A.	12		
2861	<i>Nemesia</i> , compacta, Blue Gem.....	H. H. A.	12	.10	Charming bushy plants for border; beautiful butterfly flowers.
2862	" compacta, White Gem.....	H. H. A.	12		
2863	" <i>Strumosa nana compacta</i> ..	H. H. A.	12	.10	Splendid plant for pots or borders.
2864	<i>Nemophila</i> , insignis, bright blue....	H. A.	6	.10	Old fashioned edging plant.
2865	<i>Nicotiana</i> , affinis, Pure White	H. H. A.	36	.10	The flowering Tobacco Plant; very fragrant and beautiful.
2866	" " hybrids, Mixed....	H. H. A.	36		
2868	<i>Nigella</i> , damascena, double	H. A.	18	.10	Love-in-a-Mist; curious and interesting plants splendid for mixing with California Poppy and Godetia.
2869	" Miss Jekyll, Azure blue....	H. A.	18		
2870	" <i>Hispanica</i>	H. A.	18		
2894	<i>Perilla</i> , nankinensis	H. H. A.	18	.10	Beautiful wine colored foliage.
2901	<i>Phlox</i> , Drum., grandiflora, Mixed....	H. H. A.	12	.10	Very pretty annuals, blooming the whole season through; very useful for house decoration; last a long time when cut.
2902	" nana compacta, coccinea....	H. H. A.	6		
2904	" nana compacta, Snowball....	H. H. A.	6		
2905	" nana compacta, Mixed.....	H. H. A.	6		
2908	<i>Poppy</i> , Carnation flowered, Mixed..	H. A.	24	.10	Choice double flowers.
2909	" <i>Rununculus</i> flowered	H. A.	24	.10	Sometimes called the French Poppy; beautiful.
2911	" Danish Flag	H. A.	24	.10	Single flowered; White with a red band.
2912	" Japanese Pompon, Mixed....	H. A.	18	.10	Small, double, perfectly formed flowers.
2914	" The Shirley, mixed colors....	H. A.	24	.10	An exquisite strain of this chaste flower.
2916	<i>Portulaca</i> grand, finest large flowers..	H. H. A.	6	.10	Hot sun or drying winds do not affect.
2917	" grand, double mixed.....	H. H. A.	6		
2937	<i>Rhodanthe Manglesii</i> , Rose	H. H. A.	12	.10	Useful everlastings.
2938	<i>Ricinus</i> Gibsonii	H. H. A.	60	.10	The beautiful large colored leaves produce a nice effect, popularly known as Castor Oil plant.
2939	" <i>Sanguineus</i>	H. H. A.	60		
2940	" <i>Zanzibariensis</i> , Mixed	H. H. A.	60		
2941	<i>Rudbeckia</i> bicolor superba hybrida	H. A.	24	.10	Produces deep golden flowers.
2952	<i>Salpiglossis</i> grandiflora, mixed	H. H. A.	24	.10	One of our most beautiful annuals.
2960	<i>Schizanthus</i> papilionaceus	H. A.	18	.10	Lilac and white spotted.
2961	" wisetonensis	H. A.	18	.10	Valuable as a house plant.
2963	<i>Silene</i> , pendula compacta, pink.....	H. A.	6	.10	Charming for edging or rockeries.

Order by number, saves trouble writing.



Showy Hardy Annuals Continued.

Catalog Number.	Generic and Specific Name.	Class.	Height In Inches.	Price.	Remarks.
2970	Stock, dwarf, large flowering, ten. week, white	H. H. A.	12	.10	Our stocks are saved from one of the finest strains in Europe, and will delight and satisfy you.
2971	" Flesh Pink	H. H. A.	12		
2972	" Crimson	H. H. A.	12		
2973	" Violet	H. H. A.	12		
2974	" Mixed	H. H. A.	12		
2975	" Princess Alice	H. H. A.	12	.10	Pearly white; very early.
Sweet Peas—See page 33.					
2980	Sweet Sultan, Purple	H. A.	24	.10	Graceful feathery flowers. One of the most useful Annuals for cut flower decorations.
2981	" " White	H. A.	24		
2982	" " Yellow	H. A.	24		
2983	" " Mixed	H. A.	24		
2993	Tagetes, signata pumila, Yellow....	H. H. A.	6	.10	A gem for edging or pots.
3015	Virginian Stock, Mixed	H. A.	9	.10	Very useful for edging.
3023	Wallflower, Annual Single Mixed....	H. A.	12	.10	Can be grown like other annuals.
3026	Zinnia elegans, Double, Mixed.....	H. H. A.	24	.10	Zinnias do exceptionally well in the Northwest. Our strains are magnificent. By planting the large at the back and smaller in front, a grand show can be had.
3033	" " Liliput, Mixed	H. H. A.	12		
3035	Zea Japonica, variegata	H. A.	48	.10	Leaves beautifully striped.

Hardy Annual Climbers

Easily raised from seed.

May be either sown in pots or boxes and transplanted, or if preferred, may be sown in the open ground where they are intended to flower.

Gourds are easily grown and very interesting.

Catalog Number.	Generic and Specific Name.	Price.	Remarks.
2621	Convolvulus, major, Mixed .....	.10	Tall Morning Glory.
2663	Dolichos, Lablab, Mixed .....	.10	Hyacinth Bean, very pretty.
2674	Echinocystis, Wild Cucumber .....	.10	Splendid for verandahs.
2707	Gourd, Hercules Club .....	.10	Fruit grows 3 to 4 feet long.
2708	" Powder Horn .....	.10	Very interesting Gourd.
2709	" Bottle, The original Thermos.....	.10	Used by pilgrims in the East.
2710	" Dipper .....	.10	Makes really an excellent dipper.
2711	" Dishcloth .....	.10	Fruit makes a dishcloth always sweet.
2712	" Egg-shaped, White .....	.10	Fruit may be used as nest egg.
2740	Humulus, Japonicus, Japanese Hop.....	.10	A very rapid growing climber.
2741	" Variegated .....	.10	Fine silver striped leaves.
2996	Tropaeolum, canariense .....	.10	The Canary Bird Flower.

Hardy Perennials and Biennials

Easily Raised From Seed.

Those marked "H. P." are perennials and "H. B." biennials. Can both be treated in the same way. May be sown in the Spring indoors and transplanted. If this method is adopted will be in bloom

the first year. They may be also sown in June or July out of doors and will remain out all winter if given slight covering and can be transplanted to their flowering quarters in the Spring.

Catalog Number.	Generic and Specific Name.	Class.	Height In Inches.	Price.	Remarks.
2502	Achillea ptarmica, fl. pl. The Pearl..	H. P.	18	.10	Double, White, splendid for cutting.
2514	Alyssum saxatile compactum	H. P.	6	.10	Golden Alyssum A1 rock plant.
2520	Antirrhinum majus, Mixed.....	H. P.	24	.10	Three of the very finest types and strains of the old fashioned Snapdragon, everyone should grow these.
2521	" " Dwarf Mixed	H. P.	12		
2522	" " Tom Thumb Mixed	H. P.	6		
2523	Aquilegia, New Single Hybrids.....	H. P.	24	.10	Columbine; magnificent spurs.
2524	" Mixed, Double	H. P.	24	.10	Very beautiful colors.
2525	Arabis Alpina (Mountain Snow)	H. P.	6	.10	Beautiful white flower.
2548	Auricula, Fine Alpine, Mixed	H. P.	6	.10	Grand border strain.
2561	Bellis Perennis, mons. double Mixed ..	H. P.	6	.10	Double Daisies; sow early.
2584	Canterbury Bells Single, Mixed	H. B.	30	.10	The old fashioned single.
2585	" " Double, Mixed	H. B.	30	.10	The old fashioned double.
2586	" " Calycanthema	H. B.	30	.10	Cup and saucer variety.

Our Stocks are particularly good.



Hardy Perennials and Biennials Cont'd.

Catalog Number. Generic and Specific Name.	Class.	Height In Inches.	Price.	Remarks.
2588 Carnation Riviera Market	H. P.	24	.15	Beautiful double flowers, extra early, free blooming, flower six months after sown.
2589 " Grenadin, double	H. P.	18	.10	
2590 " Chabaud's or Earliest French	H. P.	24	.15	
2591 " Margarita Semi Dwarf, Mixed	H. P.	9	.10	Sown indoors in February will bloom in August.
2597 Cerastium , Tomtentosum	H. P.	6	.10	Silvery foliage; fine for ribbon.
2605 Chrysanthemum , Maximum, King Edward VII	H. P.	18	.10	Grand for cutting and borders the "White Marguerite."
2652 Delphinium , grand single mixed....	H. P.	36	.10	A stately border plant. Dianthus or Indian Pinks may be treated as Hardy Annuals if sown early out of doors, will bloom early, splendid for borders and cut flowers for the house; delicate perfume.
2653 Dianthus Chinensis, double, mixed..	H. B.	12	.10	
2656 " Hedderwigii	H. B.	12	.10	
2660 " Plumarius, single garden pink	H. P.	12	.10	The old fashioned perennial pink.
2661 Digitalis monstrosa, Giant Foxglove	H. P.	36	.10	Magnificent giant strain; fine colors.
2691 Gaillardia , Grandiflora	H. P.	24	.10	Beautiful, large flowers.
2699 Gladiolus Gandavensis, Mixed	H. P.	36	.10	Easily raised and most interesting from seed.
2676 Gnaphalium , Leontopodium	H. P.	6	.10	Swiss Edelweiss.
2732 Helianthus rigidus (Perennial Sunflower)	H. P.	72	.10	Small, single Star-Shaped flowers.
2737 Hollyhock , double, choice colors....	H. P.	72	.10	Sow early will bloom first year.
2738 Honesty , Mixed	H. B.	36	.10	The silvery seed pods are very pretty.
2752 Iberis , sempervirens, white.....	H. P.	6	.10	Perennial Candytuft.
2795 Lupinus , polyphyllus	H. P.	36	.10	Stately spikes of blue flowers.
2842 Myosotis , dissitiflora Perfection, blue	H. P.	6	.10	The old fashioned Forget-me-nots are favorites with everyone. If sown in the spring and potted up in the fall, will bloom indoors all winter. Sown in June will bloom early following spring.
2843 " Palustris, blue.....	H. P.	6	.10	
2881 Pansy , Bugnot's Giant.....	H. P.	6	.15	Beautiful large flowers.
2887 " Mixed Colors.....	H. P.	6	.10	Fine for general use.
2888 " Trimardeau, Giant, Mixed....	H. P.	6	.15	Superb strain; enormous flowers.
2889 Papaver , bracteatum, Scarlet.....	H. P.	36	.10	The true perennial Scarlet Poppy.
2890 " nudicaule, Single, Mixed....	H. P.	12	.10	The popular Iceland Poppy.
2891 " Orientale, brilliant colors..	H. P.	36	.10	A striking plant for border.
2893 Pentstemon , large flowered hybrids..	H. P.	18	.10	Will bloom first year from seed.
2924 Pyrethrum , aureum, (Golden Feather)	H. P.	6	.10	Beautiful plant for edging.
2925 " roseum hybridum, Single	H. P.	24	.10	Beautiful Marguerite like flowers.
2926 " roseum hybridum, Double	H. P.	24	.10	Splendid for early cut flowers.
2956 Scabiosa , Caucasica Blue.....	H. P.	36	.10	Very handsome plants for perennial border.
2957 " caucasica alba, White.....	H. P.	36	.10	May be treated as Annuals.
2959 " double large flowered Mixed	H. B.	24	.10	Sown early will bloom first year.
2964 Shamrock , True Irish Variety.....	H. P.	6	.10	Sow this for St. Patrick's Day.
2976 Stock , Brompton, Mixed.....	H. B.	12	.10	Sown early will bloom outdoors.
2984 Sweet William , auricula eyed.....	H. P.	18	.10	Splendid for cutting.
3013 Viola , Tufted, or bedding varieties, Mixed	H. P.	6	.10	Sown early will bloom first year.
3014 Viola , odorata Mixed, Sweet Violet..	H. P.	6	.10	Choice mixture of best sorts.
3019 Wallflower , Choice Double Dwarf Mxd.	H. P.	12	.10	If sown in July and given slight protection to hold the snow, will bloom early in spring.
3020 " Choice Single Dwarf Mixed	H. P.	12	.10	

Our strain of Carnations is A1.

Half Hardy Perennials

Easily raised from seed.

They should be sown indoors and transplanted into the open ground when weather is favorable and should be lifted in the fall if it is intended to save them during the Winter. Some of these may also be treated as house plants. For instance, *Mimulus moschatus*, the old-fashioned Musk, *Petunias* may be also treated as house plants or may grow in the same manner as half hardy annuals. **Half hardy climbers** (H. H. C.) may be treated in the same way as half hardy perennials (H. H. P.)

Catalog Number.	Generic and Specific Name.	Class.	Height Inches.	Price.	Remarks.
2645	<i>Dahlia</i> , Single, large flowered.....	H. H. P.	48	} .10	Dahlias grow freely from seed and make stronger plants than from cuttings.
2646	" choicest double	H. H. P.	48		
2742	<i>Hunneemannia</i> , <i>fumariaefolia</i>	H. H. P.	24		
2775	<i>Lantana</i> , new dwarf compact hybrids	H. H. P.	9	} .10	Makes a nice pot plant. Splendid pot plants, bloom outdoors all summer.
2790	<i>Lobelia</i> , alba White.....	H. H. P.	3		
2791	" <i>Speciosa</i> Crystal Palace....	H. H. P.	3		
2792	" <i>tenuior</i> , intense blue.....	H. H. P.	9	.10	Lovely for pots or hanging baskets.
2836	<i>Mimulus</i> , <i>moschatus</i> , (Musk).....	H. H. P.	6	.10	Old fashioned, sweet scented Musk.
2837	" <i>tigrinus</i> , tigered and spotted.	H. H. P.	6	.10	Giant Musk or Monkey Flower.
2895	<i>Petunia</i> , Giants of California Mixed.	H. H. P.	24	} .10	Nothing beats <i>Petunias</i> for giving a splendid show. They can be treated as Annuals, or if lifted and potted in the Fall, will keep all winter and bloom in early spring.
2898	" <i>hybrida</i> , Mixed	H. H. P.	24		
2899	" <i>ybrida grandiflora</i> fringed, Mixed	H. H. P.	24		
2900	" <i>hybrida grandiflora</i> double fringed, Mixed	H. H. P.	24	.10	
3009	<i>Verbena</i> , <i>hybrida</i> , Mammoth Mixed..	H. H. P.	6	.25	Enormous flowers; colors fine.
3012	" <i>venosa</i> , purple and heliotrope.	H. H. P.	12	.10	Splendid bedding variety.
2615	<i>Cobaea</i> , <i>scandens</i> , Mixed.....	H. H. C.		.10	Makes a splendid house plant.
2755	<i>Ipomoea</i> , Imperial Japanese.....	H. H. C.	96	.10	These Morning Glories, if given protection from wind, will bloom beautifully all summer long.

Plants Suitable for Greenhouse and House Decoration

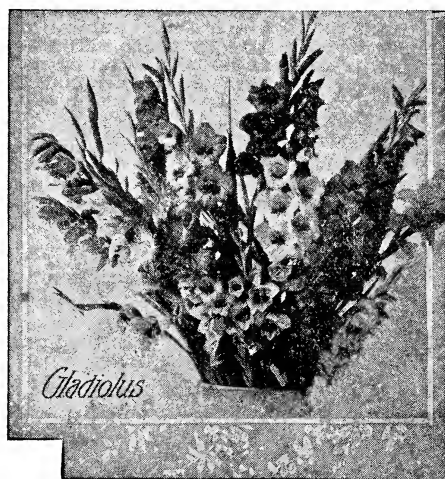
Easily raised from seed.

Those marked "G. P." are perennials and "G. A." are annuals. They are easily raised from seed, should be sown indoors in small pots and when the plants are large enough to handle, transplanted into small pots singly and potted along into larger pots as they develop.

2501	<i>Abutilon</i> , <i>hybridum maximum</i>	G. P.	30	.10	Giant blooming; beautiful colors.
2527	<i>Asparagus</i> , <i>plumosus nanus</i>	G. P.	18	.25	Asparagus Fern.
2528	" <i>Sprengeri</i>	G. P.	12	.15	Ideal Basket Plant.
2566	<i>Calceolaria</i> , Choice Strain	G. A.	18	.25	Spotted, blotched and self colored.
2607	<i>Cineraria</i> , <i>hybrida grandiflora</i>	G. A.	18	.25	Gorgeous colors.
2616	<i>Cockscomb</i> , Glasgow Prize	G. A.	12	.10	Beautiful Crimson comb.
2617	<i>Coleus</i> , Mixed (Flame Nettle).....	G. P.	24	.10	Beautiful foliage plant; fine for window.
2686	<i>Eucalyptus</i> , <i>globulus</i> (Blue Gum)...	G. P.	60	.10	Makes a nice pot plant, antidote for "flu."
2688	<i>Fuchsia</i> , a splendid variety.....	G. P.	48	.25	House Plant.
2694	<i>Geranium</i> , <i>Zonale</i> , Choice, Single, Mixed	G. P.	18	} .25	Easily raised from seed; delightful colors.
2695	" Apple, Scented, odoratissima	G. P.	18		
2713	<i>Grevillea Robusta</i> , (fern like).....	G. P.	36		
2734	<i>Heliotropium</i> , large flowering Giant Mixed	G. P.	24	.10	Beautiful house plant; easily grown from seed. Heliotrope or Cherry Pie Plant.
2835	<i>Mimosa</i> , <i>pudica</i> (Sensitive Plant)...	G. A.	18	.10	A most interesting plant phenomena.
2892	<i>Pelargonium</i> , Fancy	G. P.	18	.25	Splendid for window and house decoration.
2921	<i>Primula</i> , <i>obconia grandiflora</i> , <i>hybrida</i>	G. P.	12	.15	One of the best window plants.
2922	" <i>sinensis</i> , finest, Mixed.....	G. P.	6	} .25	Splendid for winter flowering in the house or Green House; easily grown.
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2979	<i>Streptocarpus</i> , Choicest Hybrids....	G. P.	9	.15	Distinctive; easily grown house plant.
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We are pleased to offer some very fine home grown first size flowering bulbs of these charming flowers, the soil at Mitchell suits this plant admirably and our bulbs flower well when planted either North or South.

Orders for Gladioli and plants will be shipped when all danger of frost is past.

America. Light pink.

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Doz., 60c, postpaid; 50, \$2.00;

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If interested please advise us and we will place your name on our list for an early copy, published in August.

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Asterum, rose, pink and white, 65 cents per doz., postpaid.

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Strong and healthy.

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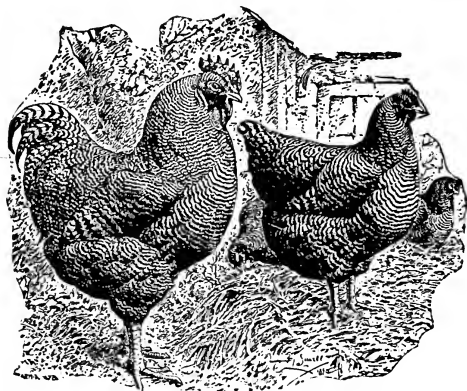
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For Garden and Farm



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CRUSHED OYSTER SHELL—Laying hens require crushed oyster shell for the purpose of encouraging the formation of shells and a hopper with oyster shells should always be within reach, particularly during the winter months or when the poultry are confined, but many poultry raisers find it a profitable investment to feed oyster shells the year around. 50 lb. bag \$1.00; 100 lb. bag \$1.85.

GRIT—Poultry should be constantly supplied with sharp material to grind their food. Poultry size 50 lb. bag \$1.00; 100 lb. bag \$1.85; chick size 50 lb. bag \$1.00; 100 lb. bag \$1.85.

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CHARCOAL—Should be left in a hopper exposed so that poultry will have free access to it at all times. It is one of the best correctives and helps perhaps more than anything else to maintain good health in the flock. Medium, 50 lb. bag \$2.60; 100 lb. bag \$5.00. Fine, 50 lb. bag \$2.60; 100 lb. bag \$5.00.

MEAT SCRAPS—Rich in protein, material which makes muscle and lean meat. Finest quality. 50 lb. bag \$3.10; 100 lb. bag \$6.00.

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CORN FOR POPPING. Per lb. 8c; Per 100 lbs. \$6.85.

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